W.C.R.L.
27 APR 1956

The
CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

APRIL 28 1956

BIG Advertising boost for BARTEX Featherweight SUN GLASSES

970,000
ADERS
pages in :—
RESS
ES
RROR
ICTORIAL
THE WORLD (11"x 3 cols.)
now through
Wholesaler
MAKE SURE OF
PROFITS FROM THIS
EVER NATIONAL
SPAPER ADVERTISING
SUNGLASSES

Shaped FOR YOUR FACE Tinted FOR YOUR EYES
in blue, rose, green, smoke & degradé

Now Bartex Sunglasses make it easy for you to watch or play games, to read or sunbathe *without the sun hurting* your eyes. Because Bartex give you *five* different lens colours to choose from—blue, rose, green, smoke and degradé, a gradually shaded lens. Now you can wear the colour most soothing to *your* eyes.

SHAPES FOR MEN AND WOMEN
Among the fashionable Bartex shapes you'll find one specially suited to *you*. All include improvements in design for keeping the sun's angled rays out of your eyes.

UNBREAKABLE RHOOOGLASS LENSES
protect the eyes from the sun's harmful ultra-violet and infra-red rays. (See chart). Rhodoglass is a new optical material, tested and certified by The Optical Institute of Paris.

ABSORPTION CURVE LIGHT STOPPED BY RHODOGLASS 74

Featherlight Bartex strong gilt metal frames and lightweight Rhodoglass lenses together weigh only 1 oz. per pair!

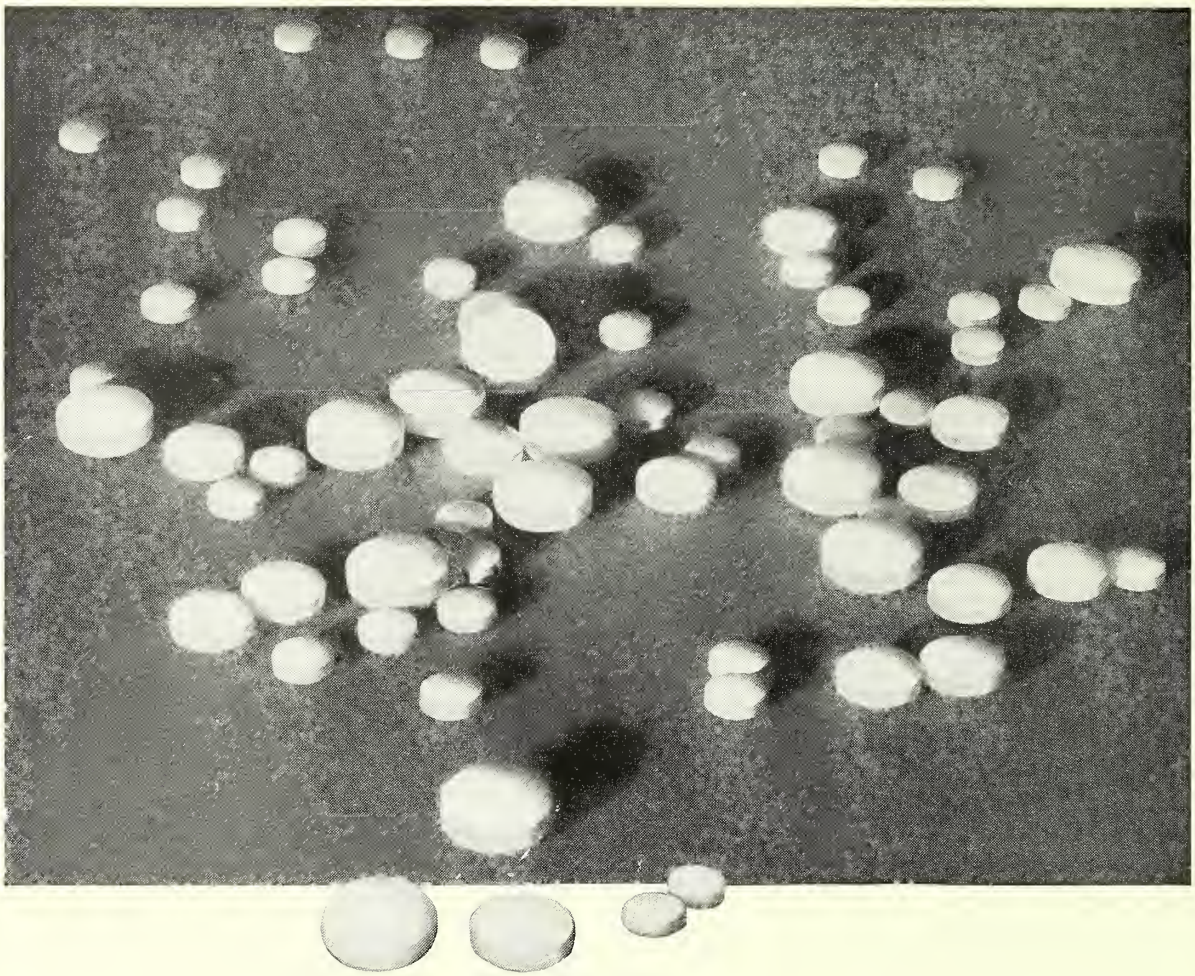
10/6 Lens colours: SMOKE, BLUE, GREEN, ROSE
13/6 Lens colours: SMOKE, BLUE, GREEN, ROSE, DEGRADÉ

CLIPOVERS
SMOKE S/3d
DEGRADÉ S/11d

• This gold label guarantees they are genuine

BARTEX Featherweight Sunglasses
good looking in the sun
10/6 AND 13/6 PER PAIR
* At all chemists, opticians and stores everywhere

Wholesale enquiries to :- ALFRED FRANKS & BARTLETT CO. LTD



Fine chemicals for tabletting...

Whiffens supply :

Sodium Tauroglycocholate (Bile Salts)
Caffeine
Theobromine
Potassium Iodide
Potassium Bromide
Aminophylline

All these and others are available in special grades suitable for tablet manufacture

WHIFFENS
Industrial and Pharmaceutical Chemical Division of Fisons Ltd.

suppliers of fine chemicals for over 100 years

WHIFFEN & SONS LTD., DEPT. Z/T1, NORTH WEST HOUSE, MARYLEBONE ROAD, LONDON, N.W.1
Telephone : Paddington 1041/9 Telegrams : Whiffen, Norwest, London

Symbol of security

To physician and patient alike, ACHROMYCIN tetracycline affords a very real sense of *security* in antibiotic therapy. From the physician's viewpoint, ACHROMYCIN gives added assurance of swift response in a broad range of infections—paving the way to rapid, uneventful recovery. To the patient, ACHROMYCIN offers a treatment of greater comfort and simplicity . . . a treatment that is quick to win his co-operation and confidence. Here then is true security—in every sense.

ACHROMYCIN*

TETRACYCLINE

unsurpassed for versatility . . . potency . . . economy

Available in the following forms:

CAPSULES · EAR SOLUTION · INTRAMUSCULAR · INTRAVENOUS · OINTMENT · OPHTHALMIC OINTMENT · OPHTHALMIC POWDER STERILIZED · ORAL SUSPENSION PEDIATRIC DROPS · SOLUBLE TABLETS · SPERSOIDS* Dispersible Powder · SYRUP · TABLETS · TROCHES

*Regd. Trade Mark

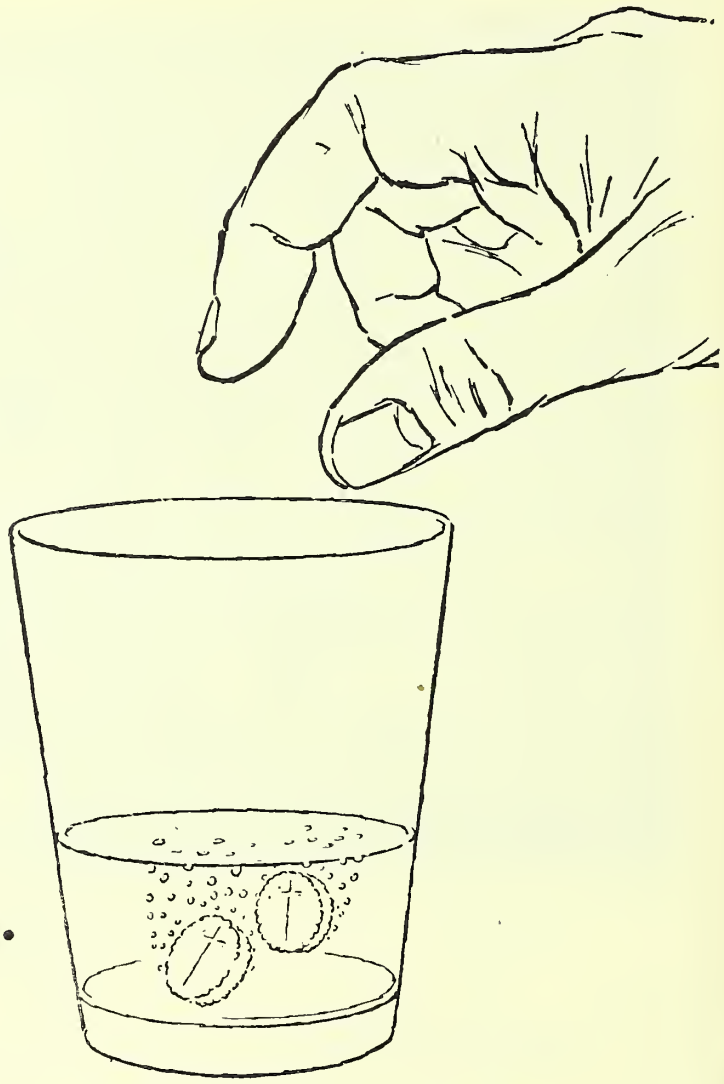
ACHROMYCIN a truly broad-spectrum antibiotic

50 Lederle FIFTIETH ANNIVERSARY

LEDERLE LABORATORIES DIVISION

Cyanamid PRODUCTS LTD. LONDON, W.C.2

Now that a soluble form of aspirin is preferred...



AS YOU KNOW, aspirin in soluble form is now very frequently prescribed in preference to ordinary aspirin. Solprin provides a stable, high quality aspirin in soluble form.

Solprin dissolves rapidly in water to form a solution of calcium aspirin that is substantially neutral. It has proved rapid and reliable in its analgesic effect, and is far less likely to provoke the gastric irritation sometimes caused by insoluble forms of aspirin. Solprin is not advertised to the public and is available only on prescription.

The outstanding quality of Solprin is being continually made known to doctors and they are being invited to sample it.

SOLPRIN REGD.

Aspirin in soluble, stable form

Available in 500 tablet packs

Solprin is packed in units of 10 tablets (in foil), 50 units to the pack. The N.H.S. basic price for this pack is 12/6. It is available only on prescription and only in Gt. Britain and Northern Ireland.

RECKITT & COLMAN LTD., HULL & LONDON (PHARMACEUTICAL DEPT., HULL)

MOORLAND
ANTACID
INDIGESTION TABLETS

SPECIAL WINDOW DISPLAY BONUS

MAY 1–31 **FOR ONE MONTH ONLY** MAY 1–31

13 to the DOZ. offered on all direct MOORLAND orders during May.
1/2½d on doz. small — FREE — 2/3 doz. on large.

THE ONLY MOORLAND BONUS THIS YEAR

BIGGER ADVERTISING

The heaviest advertising campaign ever for MOORLAND TABLETS is now in operation. Forceful advertisements are appearing regularly in the Provincial Press and leading Daily and Sunday newspapers, as well as popular magazines with a mass appeal.

BIGGER SALES

Increased publicity is boosting the sales of this ever-expanding all-the-year-round seller. Co-operate in this great sales drive by making sure your stocks are sufficient.

BIGGER PROFITS FOR THE PHARMACIST

In addition to the attractive Window Display Bonus during May, the retail chemist can increase his profit margin on Moorlands at any time by placing bulk orders. Special discounts have also been arranged for parcels of MOORLANDS and/or PENETROL and/or URILLAC. Full details of these profit sharing incentives have been posted to every chemist. If your copy has not arrived please advise us immediately.

W. B. CARTWRIGHT LTD · RAWDON · LEEDS

SPECIAL BONUS OFFER of

NURSE HARVEY'S Baby Powder!

During April to June inclusive we offer all retail chemists 13 tins of Nurse Harvey's Baby Powder to the dozen, plus the usual trade terms.

Nurse Harvey's Baby Powder is being Nationally advertised and over 10,000 mothers have asked for and been sent samples of our Baby Powder as a result of advertising on Radio Luxembourg.

Nurse Harvey's Baby Powder, made by the makers of the famous Nurse Harvey's Mixture, contains pure olive oil to soothe and protect baby's tender skin.

Take advantage of this special offer and place your order now !

O. SCRUTON & CO. LTD., BARKER LANE, YORK.

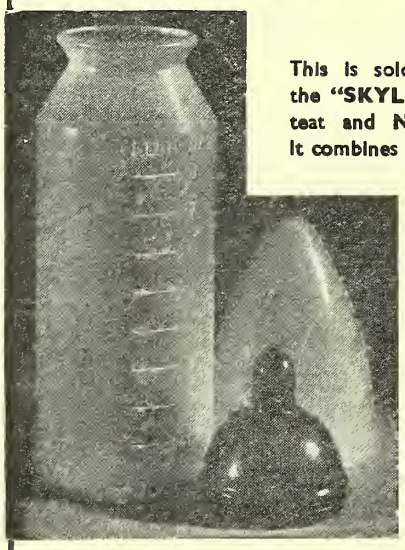
DUAL PURPOSE FEEDER

SKY LON

Regd. Trade Mark

"SKYLON"

POLYTHENE FEEDING BOTTLE



This is sold complete with the "SKYLON" brand valve teat and NO-GERM CAP. It combines all the benefits of a feeding bottle with the advantages of a food measure. Additionally the wide neck permits of easier filling, and the large teat allows the nearest approach to natural feeding.

PATA

The new modern lightweight feeding bottle that no mother should be without. Indispensable at all times. Made of Pure Polythene. Safe and

- UNBREAKABLE
- HYGIENIC
- TASTELESS
- ODOURLESS

UNAFFECTED BY FOODSTUFFS

All standard teats fit neck. Will keep contents warm longer than any glass bottle

Obtainable from your usual Wholesaler

Manufactured by

FIBRENYLE LTD. 157 DUKES RD., LONDON, W.3

TELEPHONE: ACORN 5073

They always come back for more

Advertising, and word of mouth recommendation, bring the customers in—but it's the results that bring them back.

Dr. Page-Barker's Scurf and Dandruff Lotion and D.43 Shampoo have the reputation that ensures repeated sales—a reputation for unfailing reliability in keeping the scalp clean and free from dandruff. Make sure that *you* have a share in the prestige and profits that come from stocking these ever-popular lines.

A Page Barker showcard will catch the customer's eye and remind him of his need. Available on request.

THOS. CHRISTY & CO. LTD., North Lane, Aldershot, Hants.

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(continued overleaf)

A NON-ADHERING TREATMENT OF BURNS AND SCALDS

BORNOLIN

Ol. Morrhuæ, Ol. Hippoglossi, Vitamin D. incorporated in sterile Paraffin. Molle.

SUPPORTED BY REGULAR ADVERTISING IN THE MEDICAL PRESS

★

Also Direct Mail and Personal Propaganda is energetically maintained.

★

We ask for your co-operation in the distribution of this useful product.

PRICE TO YOU 27/- doz.
RETAILING AT 3/- per tube
1-lb. Jars for Dispensing only, 20/- each net.

A NEW PRODUCT

Non-toxic Antidyspnoeic

ANTALBY BAILLY

IN TWO FORMS:
Tablets for oral administration
AND
Suppositories for adult and child treatment

Indicated in Essential and Symptomatic Asthma, Emphysema, and other causes of respiratory distress.

PACKINGS	Retail price P.T. inc.	TRADE PRICES
TABLETS: Tin of 30	5/8	4/5½ P.T. included
Dispensing Pack: 250 Tablets	...	24/- per pack plus 7/2½ P. Tax
SUPPOSITORIES		
Adults: Carton of 6	5/8	4/5½ P.T. included
Children: Carton of 6	4/8	3/8 P.T. included

BENGUE & CO., LTD.

Manufacturing Chemists, MOUNT PLEASANT, ALPERTON, WEMBLEY, MIDDLESEX

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Edible Bone Phosphate

Full particulars, samples and prices from

Calfos Ltd.

Imperial House, Kingsway, London, W.C.2

Telephone: Temple Bar 3629

Why Gelusil is Recommended for relief of Gastric Disturbances

Doctors prescribe Gelusil because it is a clinically proved antacid . . . clinically proved in the treatment of serious gastric disturbances, such as peptic ulcer. And thoroughly tested in giving relief to *simple* upsets, like indigestion and heartburn. Gelusil has advantages over other antacids, for it is long-acting; it does not cause secondary acid rise; and most important of all it does not cause constipation.

You, too, can recommend Gelusil

Gelusil is safe, economical and most effective. You can either recommend the 20-tablet pack at 2/3d. for intermittent sufferers. This pack is well priced for the market. Or you can offer the 4/6d. 50-tablet pack to others. Some people prefer their Gelusil in Suspension form, and to them you can sell the 4/9d. six-ounce bottle.

PACKING: 20-tablet pack at 2/4d. (incl. P.T.), 50 tablet pack at 4/8d. (incl. P.T.)

Gelusil Suspension in 6 oz. bottle at 4/11d. (incl. P.T.)

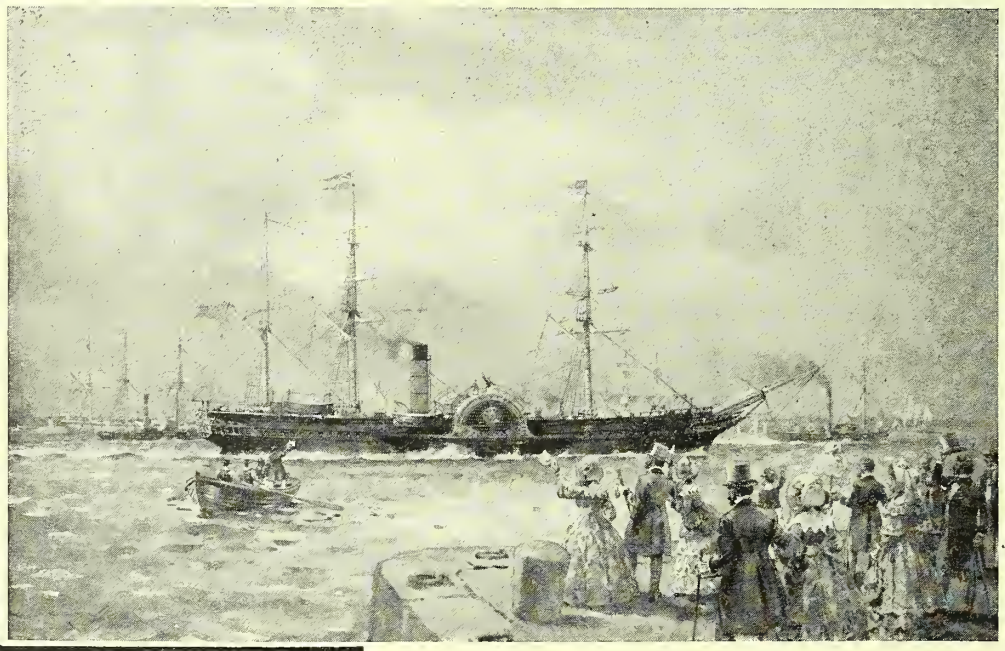
DISPENSING PACKS. 250 and 500 tablets supplied at list price 9/-d. each and 15/-d. each (No P.T.)

Gelusil Suspension is now supplied, for dispensing only, in a NEW 24 oz. pack, list price 9/-d. each (No P.T.). The 6 oz. dispensing pack will be discontinued, although the 6 oz. retail pack will still be available.

GELUSIL

WILLIAM R. WARNER & CO. LTD., Power Road, London, W.4.

No. 2 of a New Series **PRESENTED BY ARTHUR H. COX & CO. LTD**



Photograph of painting by Mr. C. E. Turner by courtesy of the Cunard Steam Ship Co., Ltd.

In 1839

during May, a contract was signed between Samuel Cunard and the Admiralty for a fortnightly service between Liverpool, Halifax, Nova Scotia and Boston, Mass. with four ships. The first of these was the famous *Britannia.* She was 207 feet long, 34 feet beam and carrying 115 passengers and 225 tons of cargo. She sailed from Liverpool the following year and reached Boston after a passage of 14 days 8 hours.

Between this early Cunarder and the great liners "*Queen Mary*" and "*Queen Elizabeth*" of today the gulf is wide, but it has been constantly bridged by ships which in their turn have been as staunch and efficient providing the passenger with ever increasing comfort, safety and service.

1839 also saw the foundation laid of Arthur H. Cox & Co., Ltd., which was to become recognised all over the world by doctors and pharmacists for its service and dependability.

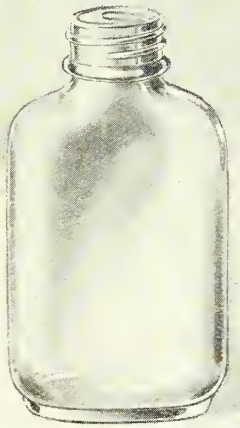
ARTHUR H. COX & CO. LTD
BRIGHTON - ENGLAND

COX

One of the world's foremost tablet makers.

TRADE N MARK

Quality IN WHITE FLINT GLASS CONTAINERS



DISPENSING BOTTLES
1-oz. to 20-oz.

RIBBED OVALS
½-oz. to 16-oz.

VIALS
½-oz. to 3-oz.

TABLET BOTTLES
Nos. 1 to 7½ sizes.

ROUND SCREW JARS
Tall and Semi-squat.

PANELLED FLATS
1-oz. to 4-oz.

BOW-FRONT PANELS
1-oz. to 8-oz.

OLIVE OIL BOTTLES
2½-oz., 5-oz. & 10-oz.

WHOLESALE ONLY

- *Prompt delivery from stock*
- *Packed in easily handled cartons*

Bow-Front Panels now also available in 16 oz. size.

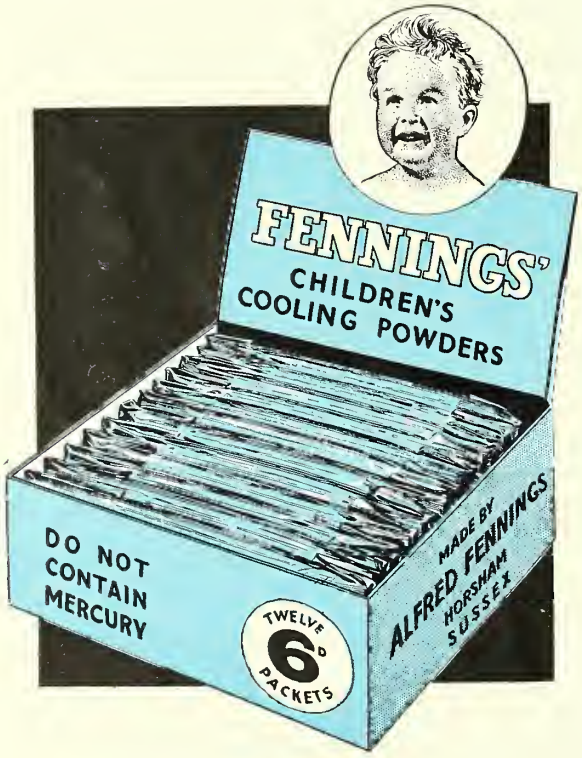
NATIONAL GLASS WORKS (YORK) LTD.

FISHERGATE, YORK. Tel. YORK 3021.
ALSO AT 105 HATTON GARDEN, LONDON, E.C.1.
TEL. HOLBORN 2146

Fennings'

CHILDREN'S COOLING POWDERS NEW

Display Pack



CONTAINING 12 × 6d. PACKETS

USUAL PROFIT MARGINS (P.A.T.A.)

Supplied through your usual wholesaler, or write :

ALFRED FENNINGS

HORSHAM SUSSEX

EFFECTIVE
DELICATE
LASTING

Velpuff

THE NEW CREAM POWDER COMPACT

Velpuff is a perfect creamy base, with the softest, finest powder. Simple and quick to use, it is ready to be smoothed on with its own puff. Amazingly effective, this wonderful velvet texture make-up will stay matt for hours. The pack is 2¾" in diameter, and mounted on an attractive card for easy display.

RETAIL
3/9 EACH
WHOLESALE
18/8 PER DOZ

4 SHADES
FASCINATION (Natural)
ENCHANTMENT (Rachel)
MYSTIC TOUCH (Peach)
IRRESISTIBLE (Brunette)

STOCK UP!
SALES UP!

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LONDON, S.W.14

A great NEW Profit Maker for YOU

NEW

NEW

NEW

Luxury presentation case.
12 months Comprehensive Guarantee
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tax paid

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ELECTRIC SHAVER

★ **Advertised throughout the National Press**

★ **The most modern of *all* Electric Shavers**

★ **Actually shaves below skin-level**

★ **At a price unrivalled for popular appeal**

★ **The maximum profit for YOU—30% CLEAR DISCOUNT**

unrivalled for performance ...unrivalled for price

Phone your wholesaler for details TODAY!

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First choice for the discerning woman

The particular quality and value of Mene is well known by women everywhere. Our sales figures prove that women have found that they can rely on these towels for super-soft comfort, economy and complete security. Only the very finest materials are used in order to ensure maximum absorbency and protection.

YOU can confidently recommend . . .

Mene REGD. IN 5 SIZES

Sell your customers the new MENE de Luxe SANITARY BELT

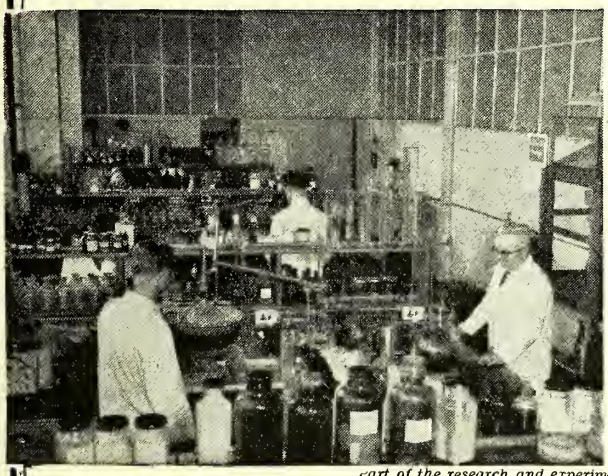
ROBINSON & SONS LTD., Chesterfield and London.

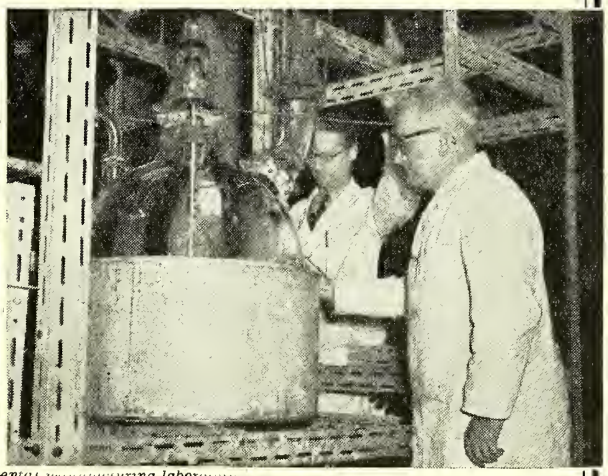
CARNEGIES OF WELWYN

Makers of Adrenaline and its homologues by synthesis

A section of the Carnegie Works at Welwyn Garden City, Research Laboratories and Main Production Buildings extend to the right.

Adrenaline Acid Tartrate B.P. **Noradrenaline Acid Tartrate B.P.C.**
Adrenaline B.P. **Isoprenaline Sulphate B.P.**



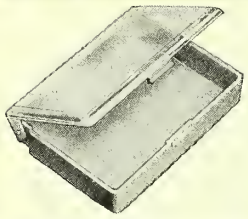


Part of the research and experimental manufacturing laboratories

CARNEGIES OF WELWYN LTD
Telegrams: 'CARNEGIES, WELWYN GARDEN CITY'
Telephone: WELWYN GARDEN 5001 (10 lines)

Off our shelf to **YOURS**

— *and no tool costs!*



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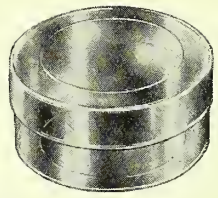

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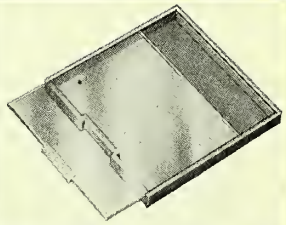

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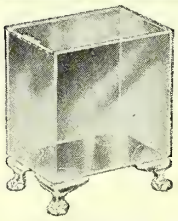

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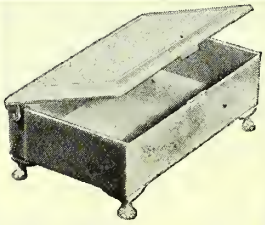
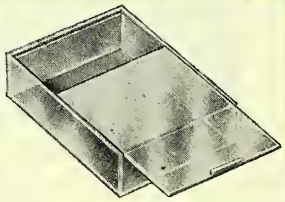


No. 9 size $5\frac{3}{4}'' \times 3\frac{7}{16}'' \times 1\frac{5}{16}''$



No. 1 size $1\frac{11}{16}'' \times 1\frac{1}{4}'' \times \frac{7}{16}''$ in. (slide cover) other sizes available

Our boxes can be fitted with a vacuum-formed insert to hold YOUR product such as the CUTEX Nail Polish Set illustrated.

WE PRODUCE the largest stock range of plastic containers in the United Kingdom.

Because the price is right, we supply $\frac{1}{4}$ million containers weekly giving sales impetus to a wide range of products in the Pharmaceutical Industry.

Send for Free Samples and Brochure showing how most requirements can be met "off the shelf" offering you—

- **40 DESIGNS**
- **FROM 1 GROSS UP**
- **PROMPT DELIVERY**
- **NO TOOL COSTS**

If the box you require is not a stock line we will design one exclusively for your purpose.

The Plastic Box Company Limited

Our associated Company, Progressive Inventions Ltd., Market Rasen, will design and quote you for ANY plastics article, either injection moulded or vacuum formed.

MARKET RASEN · LINCS · ENGLAND · TEL: MKT. RASEN 2121

Manufacturers of the case for the Coronation Crown Piece of Her Majesty Queen Elizabeth II.

bacitracin
tyrothricin
neomycin
benzocaine

COMBAT BOTH
GRAM-NEGATIVE
& GRAM-POSITIVE
ORGANISMS
IN THE
TOPICAL
TREATMENT OF
SORE THROAT

Introducing

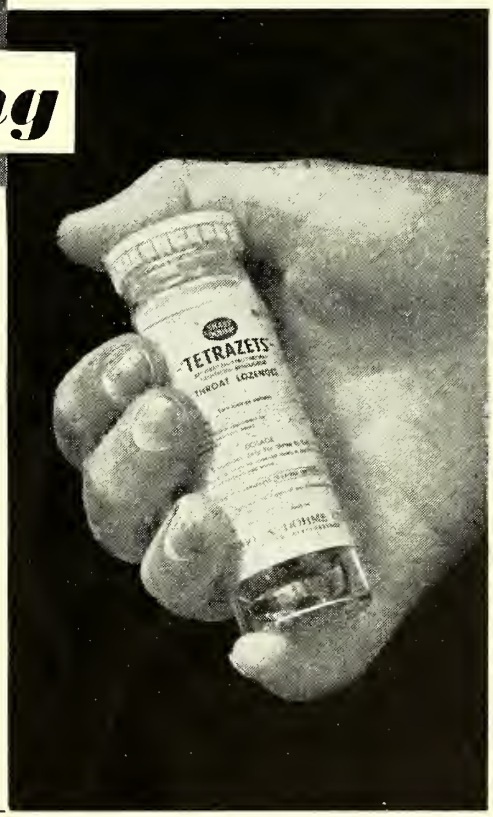
'Tetrazets'

THROAT LOZENGES

The triple antibiotic action of Bacitracin, Tyrothricin and Neomycin, plus the soothing effect of the analgesic Benzocaine, makes 'TETRAZETS' Lozenges ideally suited for the local therapy of certain mouth and throat irritations which may be due to susceptible gram-positive and gram-negative bacteria. Supplied in vials of 12 lozenges. Available on prescription only. List price 6/6d. per vial, subject to usual discount (exempt P.T.)

Literature on this significant new product will gladly be supplied on request.

MERCK - SHARP & DOHME LIMITED, HODDESDON, HERTS.



PARADOR

OPENS THE DOOR

to bigger business in AIR FRESHENERS

PARADOR will be even more profitable to you this year. PARADOR is the one-perfume air freshener which appeals to discerning women everywhere—they particularly like its neat appearance.

NATIONAL ADVERTISING

Regular advertisements are appearing in the following ..... they have a combined circulation of 18 millions !

RADIO TIMES	WOMANS OWN
WOMAN	WOMANS WEEKLY
WOMAN & HOME	THE LADY
IDEAL HOME	HOUSEWIFE
WOMANS JOURNAL	GOOD HOUSEKEEPING
VOGUE	HOUSE & GARDEN

HOMES & GARDENS

SELLS ON SIGHT

The bright and compact display outer ties in with all this advertising.

THOMPSON & CAPPER

WHOLESALE LTD.

MANUFACTURING CHEMISTS, SPEKE LIVERPOOL 19

Telegrams : 'Sanitas' Telephone - Hunts Cross 1321.

Rilling life Lacquer

new irresistible ...

THE FASTEST SELLING LINE YOU CAN PUT ON YOUR COUNTER

Attractive, unbreakable, unspillable, spray dispensers.

Effective counter display material available free of charge.

CASH IN, TOO

on our widespread consumer advertising of these two other popular Rilling products:-

Rilling 'MYSTIC NET' ... most glamorous of all spray-on hair preparations.

Rilling 'STA-FRESH' ... safest and surest of all personal deodorants.

(*Both in Flexible Spray Containers*)

QUICK PROFITS!

You buy LIFE LACQUER at 24/- a dozen. It sells itself at 3/6 each !

Obtainable from your usual Wholesaler or from:

Rilling-HILLS LIMITED

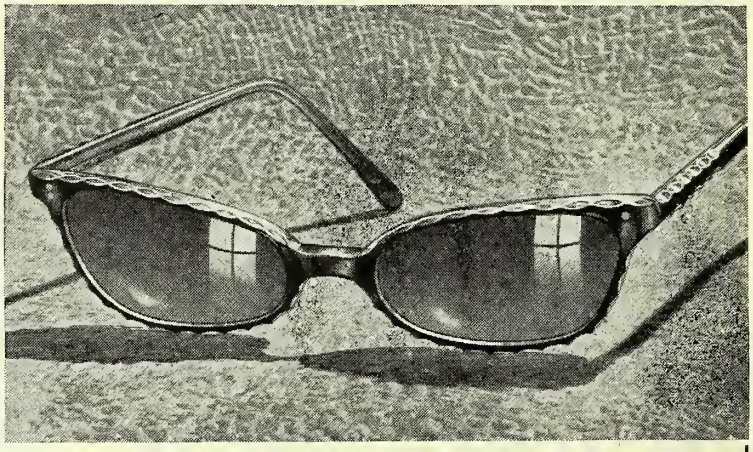
222/224 BOROUGH HIGH STREET, LONDON, S.E.1. Tel.: HOP 1268-9

West End Showroom and Demonstration Centre:
449 Oxford Street, London, W.1. (opposite Selfridges)

THE LOVELY ..DISTINGUISHED...LIGHTWEIGHT

Sunbather

Here is the latest eyewear style from the Continent designed especially for those whose leisure time is spent in the sun. It is one of the many styles we have available to meet all demands at prices to satisfy all markets.



IDEAL FOR THE SUN-TAN ENTHUSIAST

The upswept eyeshades on this two-tone scalloped style are petite yet they give adequate protection against glare while minimising shadows in sun-tanning. Stocked with smoked lenses or ombral shaded with graduated mirroring.

Fuller details gladly sent on request.

Société des Lunetiers SOLUN HOUSE, 56 HATTON GARDEN LONDON E.C.1

You wouldn't buy a mower without a handle . . .

FOR LIQUIDS OF MOST VISCOSITIES

THEN WHY BUY A DRUM WITHOUT AN EFFICIENT MEANS OF DISCHARGE ?

You **could** use a mower this way—and you **can** pick up a heavy drum and pour the contents out by the bung-hole in the top—if you don't mind the mess, trouble, waste and sometimes danger. But WHY? — when you have only to order drums fitted with a 'Phillescope' tap. The 'Phillescope' is the easiest tap to use, and travels already fitted to the package—it gives a free, even flow—it turns off instantly without drip—and it lies flush with the drum when not in use.

Be sure that every drum you make, buy, sell or use is fitted with a 'Phillescope' tap—THE BEST WAY OUT FOR ALL FLUIDS.

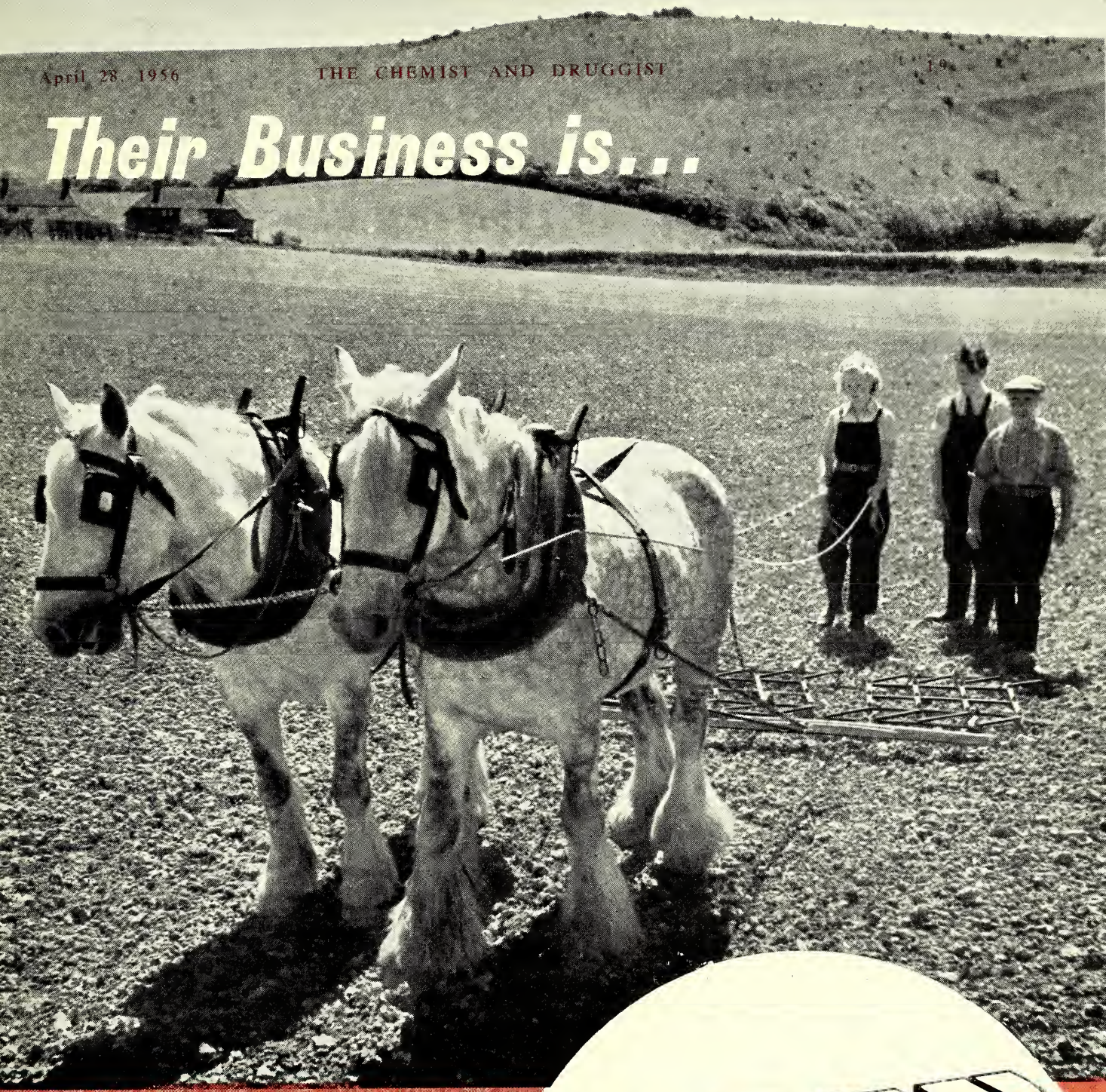
'PHILLESCOPE'
PATENT TELESCOPIC TAPS

Supplied by all leading drum-makers or from:

PHILLIPS TELESCOPIC TAPS LTD.

HAMPTON WORKS, VITTORIA STREET, BIRMINGHAM, 1. *Phone : CENtral 2870. Grams : Tapescopic, Birmingham*

Their Business is...



Our Business is...

TABLETS

PENICILLIN PRODUCTS

Pills · Capsules · Pessaries · Suppositories · Solution
Tablets · Eye Ointments · Soft Glycerine Lozenges
Packed Pharmaceuticals · Sterile Products

SPECIAL FORMULÆ PREPARED

OWN MATERIALS PROCESSED

HOME AND EXPORT ENQUIRIES INVITED

KIRBY OF LONDON

Pharmaceutical Manufacturers

6 Brand spanking new Dispensers to help you sell more HALEX combs!

Here's something to really catch the customer's eye! A magnificent set of free self-service dispensers — freshly designed — to display *and sell* the popular Halex combs for you.

As you doubtless know, if there's one thing a combless customer forgets to buy — it's a new comb! So let these colourful, hard-working dispensers remind him. Set them up on your counter to do your selling for you!

Remember, Halex nylon combs are practically unbreakable and carry a full year's guarantee to prove it, while the Halex range of acetate combs offers wonderful quality at a lower price.

Make a note *now* of the particular dispensers you prefer and order them without delay from your usual supplier.

6 FREE DISPENSERS TO CHOOSE FROM!

No. C632

4 dozen Dispenser (nylon combs) contains:

2 dozen pocket combs C101
1 dozen gents' or bag combs C202
1 dozen 7″ all-fine-tooth dressing combs C405
Assorted pink, blue, green.

No. C631

3 dozen Dispenser (nylon combs) contains:

2 dozen pocket combs C101
1 dozen gents' or bag combs C202
Assorted pink, green, blue, black.
For all black, order dispenser No. C630.

No. C633

6 dozen Dispenser (nylon combs) contains:

2 dozen pocket combs C101
2 dozen gents' or bag combs C202
1 dozen ladies' dressing combs C404
1 dozen 7″ all-fine-tooth dressing combs C405
Assorted pink, blue, green, black.

No. C640

3 dozen Dispenser (acetate combs) contains:

2 dozen pocket combs C171
1 dozen gents' or bag combs C272
Assorted black and tortoiseshell.
For assorted amber, pink, blue, black, green, tortoiseshell, order dispenser No. C641.

No. C643

6 dozen Dispenser (acetate combs) contains:

2 dozen pocket combs C171
2 dozen gents' or bag combs C272
1 dozen ladies' dressing combs C474
1 dozen 7″ all-fine-tooth dressing combs C475
Assorted pink, blue, green, amber, black, tortoiseshell.

No. C642

4 dozen Dispenser (acetate combs) contains:

2 dozen pocket combs C171
1 dozen gents' or bag combs C272
1 dozen 7″ all-fine-tooth dressing combs C475
Assorted pink, blue, green, amber, black, tortoiseshell.

HALEX *(a Division of the British Xylonite Co. Ltd.)* **HIGHAMS PARK, LONDON, E.4.**

'EYES are RIGHT'

when protected from sun glare

by

samco sunglasses

Sole distributors:

D. HARRIS & COMPANY LTD.

73 BREWER STREET, LONDON, W.I. Tel: GERRARD 7166

order through your usual wholesaler

These World famous fashion SUNGLASSES are obtainable in a wide variety of styles and prices retailing

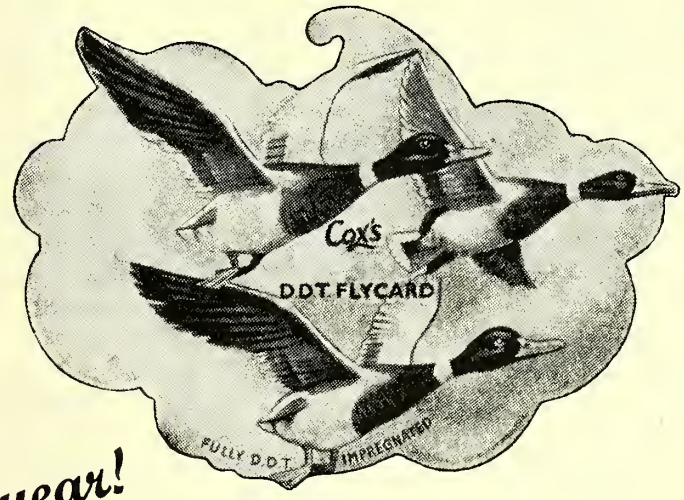
1/- to 21/-

DISPLAY **SAMCO** SUNGLASSES FOR **RECORD** SALES

Cox's

D.D.T. FLYCARDS

GUARANTEED 100% IMPREGNATED



New this year!

COX'S 3d. D.D.T. FLYCARDS (The ORIGINAL)	24/-	per gross
COX'S 3d. D.D.T. CHIMPS - - - -	24/-	,, ,,
COX'S 4d. D.D.T. PARROTS - - -	32/-	,, ,,
COX'S 4d. D.D.T. ROSE BASKETS - -	32/-	,, ,,
COX'S 4d. D.D.T. WILD DUCKS - -	32/-	,, ,,

LESS 2½%—30 DAYS

BONUS TERMS—10% ON ORDERS FOR 3 GROSS

IN ANY ASSORTMENT

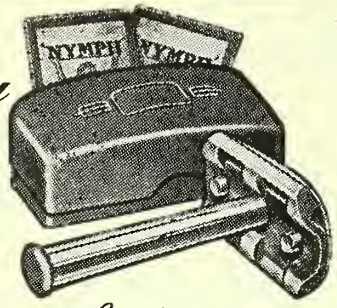
NATIONALLY ADVERTISED

JAMES COX & CO., D.D.T. WORKS, STH. HARROW, MIDDLESEX

Telephone: BYRON 4326

A Gift a Woman gives Herself...

Counter display ensures quick sales



Nymph *ladies' safety razor*

Backed by national full-colour advertising

Every woman is a possible buyer of this dainty toilet accessory. Reasonably priced at 3/7½ to ensure spontaneous purchase!

Complete in moulded case with 2 blades, in PINK, BLUE, GREEN. "Nymph" Blades in cartons of 6 blades, 1/6.

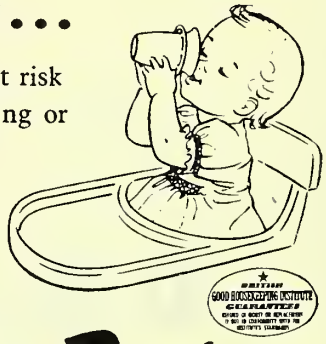
Obtainable from your usual wholesaler.

A PRECISION-MADE SOUPLEX PRODUCT

SOUPLEX LTD., MORECAMBE, LANCS.

Teach Baby to drink Correctly...

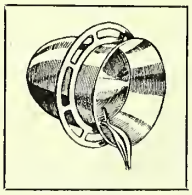
—head back without risk of choking, spluttering or mess with the



NEW *translucent, unbreakable*

Teacher Beaker

REGD



This new flexible and hygienic Beaker is specially designed to pour at just the right speed and correct angle for drinking. The covered-over top retains heat and keeps out dirt, and the special protective ring makes it easy to hold and practically spill-proof. It is designed with a push-on top, which makes the Beaker easy to fill and clean. Made in blue, pink and natural and sold in attractive gift boxes.

Wholesale 36/- per doz. Retail Price 4/6d. each (plus Tax).

The original opaque Teacher Beaker still available.
Wholesale 31/4d. per doz. Retail Price 3/11d. each (plus Tax).

Advertised in National Publications

Manufactured by: J. L. CAPLIN, LTD.,
178-180, Homerton High St., London, E.9. Telephone: AMHerst 1396

THE MANUFACTURING & WHOLESALE CHEMISTS
who can be relied on for
REGULAR ROAD DELIVERIES
In the West of England and S. Wales areas

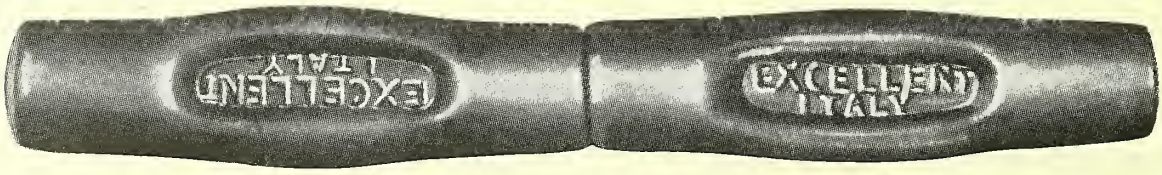
Telephone: Bristol 24301
FERRIS & CO LTD BRISTOL
Telegrams: 'Ferris, Bristol'

You should always stock...

We can supply over 100 varieties of medicinal and culinary herbs in 6d. packets.
Write for a price list to:-

GLEN BRAND
MEDICINAL HERBS

CARTER BROS., Manufacturing Chemists, SHIPLEY, Yorks.



"EXCELLENT" is the name of our Licorice Juice Stick and excellent is the quality of all our drugs. Essential Oils and Spices.

BROME & SCHIMMER

7, LEATHER MARKET, LONDON, S.E.1.

ROSEDALE Spray

"LACQUER"

the finishing touch

The finest lacquer and easy to use . . . at a price within reach of all.

RETAIL 3/6. REFILLS 2/3 each

(Shows the retailer 75% profit)

Obtainable from all leading wholesalers or direct from Rosedale Products Ltd.

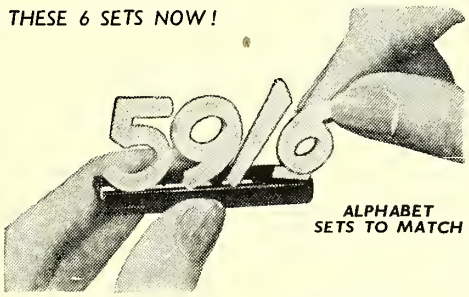
ROSEDALE PRODUCTS LIMITED

ROSEDALE WORKS, BIRKBECK ROAD, LONDON, E.8

CHOOSE YOUR

Kennett Pricing

FROM THESE 6 SETS NOW!



QUICK CHANGE
PERMANENT
WASHABLE

ALPHABET SETS TO MATCH

Glossy white numerals, etc., of solid plastic ⅛" thick, and ½" or ⅜" high. Each with a bottom flange which is invisible when gripped by the unique clip-action of the black plastic base pieces.

These specially designed bases will stand anywhere. All parts are solid plastic, hygienic, non-corrosible, almost indestructible and guaranteed for a lifetime. A quick rinse keeps them like new.

KENNETT LIFETIME GUARANTEE

Should any part break with reasonable handling, or prove unsatisfactory for any reason, it will gladly be replaced at any time FREE OF CHARGE.

IMMEDIATE DELIVERY. SEND CHEQUE/P.O. NOW, to:-

Kennett *PRICE MARKERS*
55 Eastgate Street, Winchester.

No. 1.
⅜" *size. 820 parts. 700 numerals, signs etc. 120 bases. Prices: De Luxe Cabinet £7-8-6d. Staut Card Box £5-15-0d.*

No. 2.
⅜" *size. 414 parts. 354 numerals, signs etc. 60 bases. Prices: De Luxe Cabinet £4-13-6d. Staut Card Box £3-0-0d.*

No. 3.
⅜" *size. 219 parts. 175 numerals, signs etc. 44 bases. Price: Stout Card Box only, £1-12-0d.*

No. 4.
½" *size. Over 700 parts. Over 600 numerals, nearly 100 bases. Prices: De Luxe Cabinet £8-8-0d. Staut Card Box £6-14-6d.*

No. 5.
½" *size. Over 250 numerals, signs, etc. 60 bases. Prices: De Luxe Cabinet £5-5-6d. Staut Card Box £3-12-0d.*

No. 6.
½" *size. Over 150 numerals, signs, etc. 36 bases. Staut Card Box only, £1-14-0d.*

MOTHAK

advertising and sales programme for 1956 foretells

THEIR BIGGEST YEAR EVER!

No moths with MOTHAKS—but plenty of profit! You can cash in on the biggest-ever MOTHAK Sales-programme. Take full advantage of the showcards and display material available—look to your stocks—and you will make sales, fast every-day sales, right through the Spring and Summer months.

LOOK AT THE ADVERTISING!

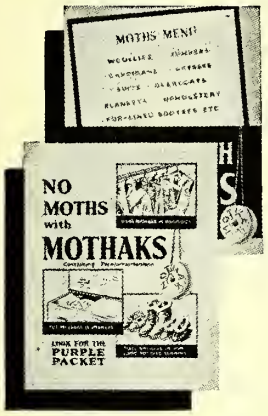
A powerful selling campaign directed at the housewife with larger spaces than ever in all the big-circulation women's journals, as well as the RADIO TIMES, National Newspapers, etc.

WOMAN	WIFE & HOME
WOMAN'S OWN	HOME CHAT
WOMAN'S ILLUSTRATED	HOME COMPANION
WOMAN'S WORLD	HOME NOTES
WOMAN'S WEEKLY	MY HOME

RADIO TIMES, NATIONAL MORNING & SUNDAY NEWSPAPERS AND LEADING PROVINCIAL PAPERS

Vigorous, consistent advertising and a first class product have made MOTHAKS a household word. This big reputation means big sales and profits for you. Put MOTHAKS where your customers can see them—and they sell themselves.

SHOWCARDS



Two designs of showcards are available in the familiar yellow and purple MOTHAK colours.

DISPLAY OUTERS

This 12-bag counter display is a compact and proved salesman.

WINDOW DISPLAY

A colourful compelling display installed for you FREE, whenever you wish.

MORE SALES WITH MOTHAKS

★

2 new lines bearing the famous MOTHAK name

MOTHAK POWDER

A new squeeze PUFFER-PACK for protecting carpets, rugs, furniture. Destroys moths, grubs, beetles, etc. Contains D.D.T. and B.H.C., yet has a pleasant Lavender perfume. A certain seller at 1/4d. each.

MOTHAK FLY SPRAY

A new AEROSOL fly and insect spray, with a Lavender fragrance. Fast and efficient and only 5/6d. retail. Packed in dozens—each dozen containing a special display piece.

THOMPSON & CAPPER WHOLESALE LTD · SPEKE · LIVERPOOL

A proved steady seller

Little wonder that the Ekco PLASTABATH is so popular. Baby likes it because it is soft, warm and smooth to his skin and because it's a *complete* bath, right down to the moulded-in trays for soap and sponge. Mother likes it because it is the safest and most convenient (there's a stand, if she wants one) of all baby-baths.

Moulded in polythene, in shades of blue, pink and ivory, the PLASTABATH has proved the best-selling baby bath. Make sure your customers have a chance to see it—and to buy it!

PLASTABATH 47/3 WITH STAND 71/2

There is also the matching Ekco PLASTAPOT. The broad rim gives baby a warm, comfortable seat and the tough plastic is quite unbreakable. Will not tip over. Here's another fine selling line for you! **PLASTAPOT 7/6**

B.I.F. BIRMINGHAM, CASTLE BROMWICH STAND No. A.531.

EKCO PLASTABATH & PLASTAPOT

E. K. COLE LTD · (Plastics Division) · SOUTHEND-ON-SEA · ESSEX

Here's a profitable double

PADDI and PADDI pads. A wonderful improvement on the conventional 'nappy' that solves a big problem for the busy mother. Sell her PADDI and ensure repeat sales of PADDI-pads. They're better for babies, less trouble and labour-saving for mother. Supported by attractive advertising in women's journals, these profit-making lines can mean big business for YOU! Paddi retails at 6/6d. Paddi-pads in packets of ten 1/8d. Please write for details.

PADDI
AND
PADDI
pads

ANOTHER *Mene* PRODUCT

ROBINSON & SONS LTD
CHESTERFIELD & LONDON

This is *THE PACK* for *YOUR* dispensary

SPECIAL PARCEL

12 BOXES OF SUPPOSITORIES SENT

POST FREE !

to your address and charged through YOUR USUAL WHOLESALER

E.G. 6 Boxes of Suppos. Bism. Subgall. 6 Boxes of Suppos. Bism. Subgall. Co.

Manufactured and Packed in the Laboratories of:

RICHARD DANIEL & SON LTD.

MANSFIELD ROAD, DERBY, Tel. 48266 (4 lines) and at GROSVENOR STREET, ASHTON-U-LYNE, Tel. 2816 (3 lines).

Business has never been so brisk in these supreme quality nylon hair nets. Attractive hanging cards with 3 or 6 dozen bright film envelopes are supplied for all grades of LION nylon hair nets and smart stand-up counter dispensers contain the ever popular LION 8 nylon hair nets.

No finer Quality

LION NYLON HAIR NETS

LION 7 *(Strong general purpose nylon)*
LION 8 *(15 denier, small mesh)*
LION 9 *(Another very fine hair net)*

Order from your wholesaler, or if difficulty, write for address of nearest supplier.

ROBERT SHAW & CO. LTD.
ASCOT ROAD, NOTTINGHAM
Tel. NOTTINGHAM 77231/2

LONDON OFFICE: CONDOR HOUSE, ST. PAUL'S CHURCHYARD, E.C.4. Tel. CITY 3359

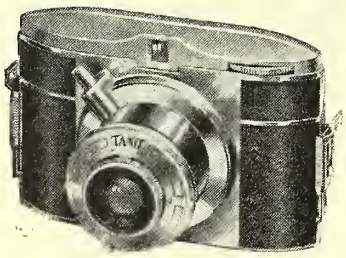
Makers of Quality Hair Nets since 1905

A SHAW PRODUCT

ferrania film

Note the prices

You know the quality!



ferrania TANIT CAMERA

The Ferrania TANIT camera is designed to halve the cost of film by taking 16 instead of 8 pictures on one roll.

It is of an elegant and modern design, strongly resembling an expensive miniature camera, but offered at a remarkably low price. The body is entirely of metal, being pressure die-cast of aluminium alloy, covered in morocco leather.

Picture size 3 x 4 cm. (16 pictures $1\frac{1}{4}$ in. x $1\frac{5}{8}$ in. on the standard 127 film). Camera size: $4\frac{1}{2}$ in. x 3 in. x $2\frac{3}{4}$ in. Weight: 9 ounces. Lens: Ferrania Primar f/9 with focusing scale. Shutter: Ferrania Silent B for instantaneous and bulb exposures. Built-in synchronised flash contacts. Viewfinder: double lens optical type. Supplied complete with 20-page instruction booklet, and carrying strap.

ONLY £3 · 12 · 6

Ever-Ready case 17/6

ROLL FILMS

No.	Exposures	Size in inches	PRICES Ultracromatica s. d.	PRICES Pancro 32 s. d.
F. 20	8	$2\frac{1}{4} \times 3\frac{1}{4}$	2 $8\frac{1}{2}$	3 1
F.620	8	$2\frac{1}{4} \times 3\frac{1}{4}$	2 $8\frac{1}{2}$	3 1
F. 27	8	$1\frac{5}{8} \times 2\frac{1}{2}$	2 4	2 $8\frac{1}{2}$
F. 16	8	$2\frac{1}{2} \times 4\frac{1}{4}$	3 6	3 11
F.616	8	$2\frac{1}{2} \times 4\frac{1}{4}$	3 6	3 11
F. 29	6	2 x 3	2 $8\frac{1}{2}$	—
F. 18	6	$3\frac{1}{4} \times 4\frac{1}{4}$	5 4	—
F. 22	6	$3\frac{1}{4} \times 5\frac{1}{2}$	6 4	—
F. 30	6	$2\frac{7}{8} \times 4\frac{7}{8}$	5 4	—

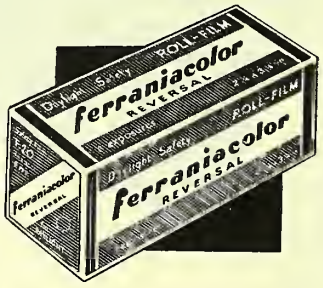
35 mm. FILMS

P.3/28 FINE GRAIN PAN and PANCRO 32/S2		PRICES £ s. d.
CASSETTE	36 Exposures	9 2
REFILL	36 Exposures	4 8
REFILLS	3 x 36 Exposures	12 8
REFILLS	10 x 36 Exposures	1 18 9

FERRANIACOLOR

35 mm. Cassettes (20 exposures) 16/-
35 mm. refills (20 exposures) ... 12/6
Nos. 120 and 620 roll films ... 12/10
No. 127 roll films 12/6

Johnson's Processing Kit:—
Part 1 (Developers) 5/6
Part 2 (Bleach, Fixer, etc.) ... 5/6



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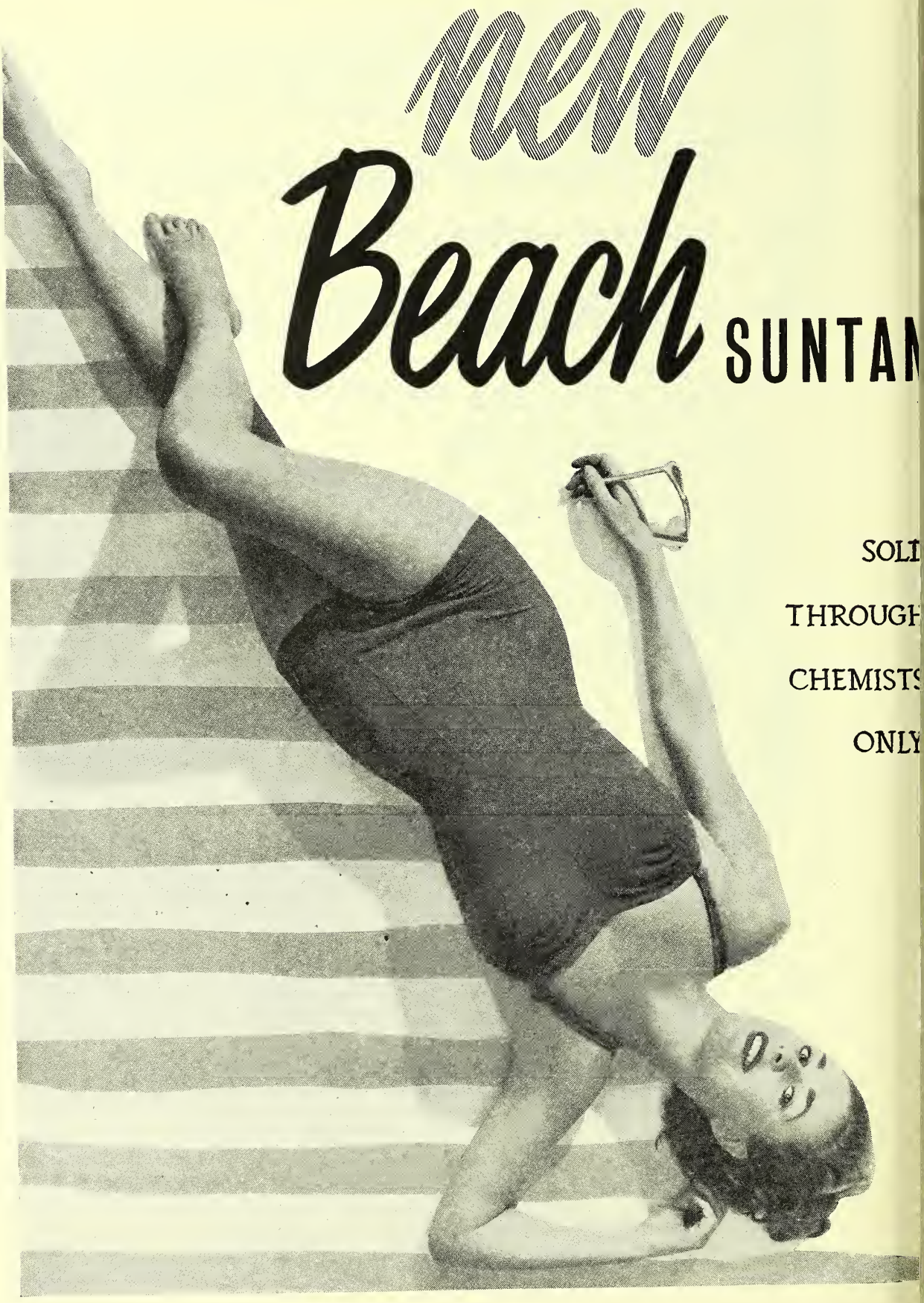
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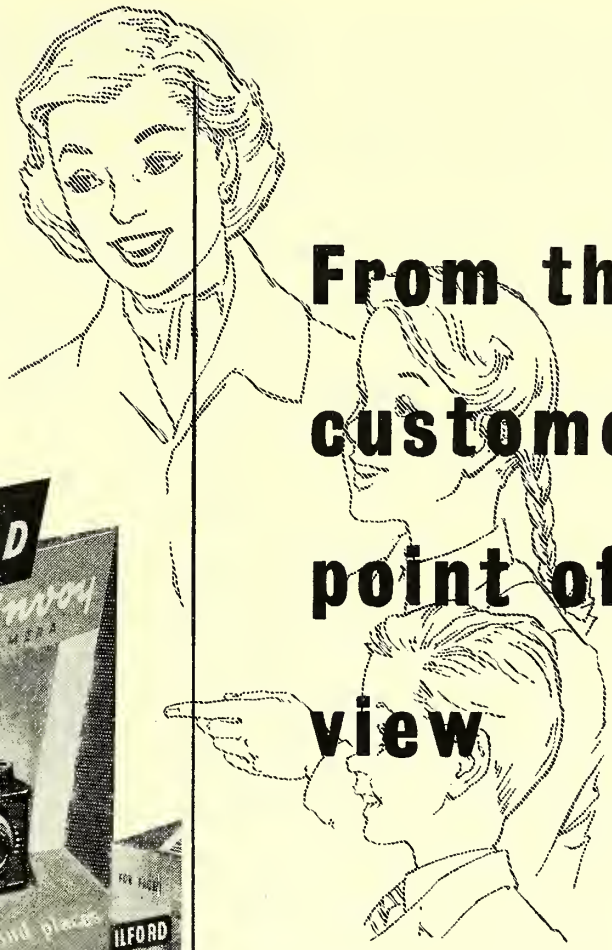


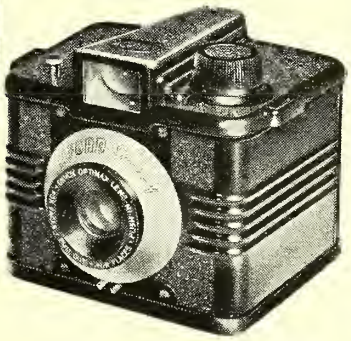
From the customer's point of view

The Ilford Envoy camera is designed to attract more buyers to your counter. Feature the novel display unit and the attractive cartons in your window to bring in new box-camera customers — youngsters who have seen our advertisements in their own magazines, and grown-ups who want a simple, efficient snapshot camera.

Ilford advertisements are giving the Envoy a build-up in women's and junior magazines as a gift for all occasions—the ideal snap and flash camera for home, holiday and hobby.

ILFORD

Envoy
CAMERA



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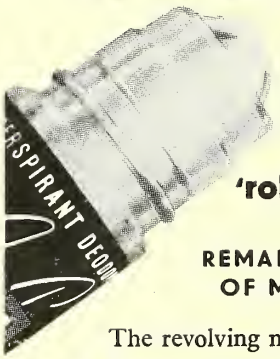
to be launched in Britain



Mum Rollette with the revolutionary 'roll-on' applicator

REMARKABLE DESIGN OF MUM ROLLETTE

The revolving marble built into the top of the container rolls the attractive pink lotion onto the skin. It rolls on just enough to check perspiration and stop odour for 24 hours. Perfectly engineered to a tolerance of .0015 of an inch, it is a triumph of pack design that never leaks, drips or spills.

CONSUMER ENTHUSIASM WILL BE INSTANT

Terrific first sales are assured because Mum Rollette is completely different. It's the newest nicest-ever way to protect personal freshness.

- *No fuss, no mess no sticky fingers*
- *Checks perspiration and stops odour*
- *24 hour protection is applied automatically*
- *Is lotion-gentle, safe for skin and clothes*

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MAY 16th

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WITH A TOTAL CIRCULATION OF

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★ *PLUS Radio Luxembourg Top 20 programme!*

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Demonstrates 'roll-on' action. A real eye-taker to show the revolving marble principle of application.

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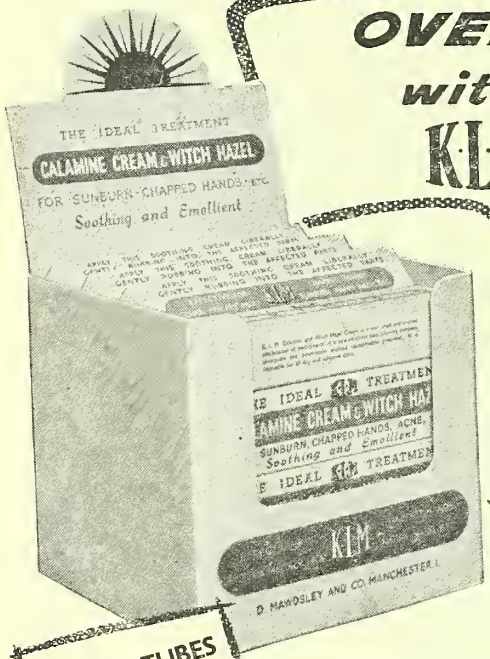

Popular demand makes this soothing cream an easy seller for the Summer months. KLM Calamine Cream and Witch Hazel is of proved efficiency in the treatment of sunburn, chapped hands, acne, nappy rash, etc. This is your chance to build up goodwill. Prices allow a particularly favourable profit margin.

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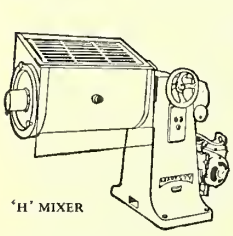
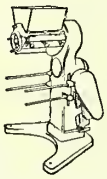

'H' MIXER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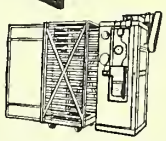
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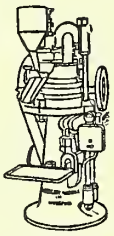
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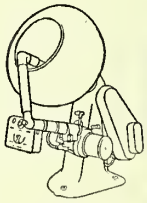
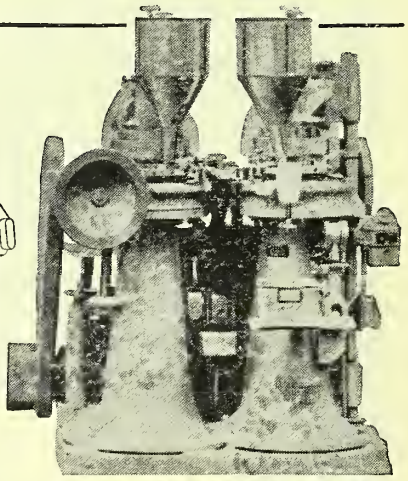

COATING PAN



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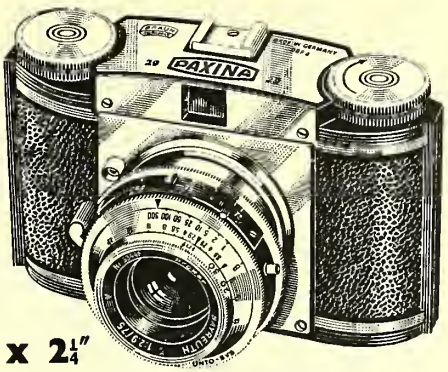

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Takes 12 2¼" × 2¼" pictures on size 120 roll film. High speed *f*/2.9 Praxar Bayreuth anastigmat lens, two alternative Gauthier shutters, flash-synchronised, and with delayed action release. Focusing from 3½ft. to infinity. Optical viewfinder, shutter release socket, accessory shoe, depth of field and focusing scales, and tripod bush.

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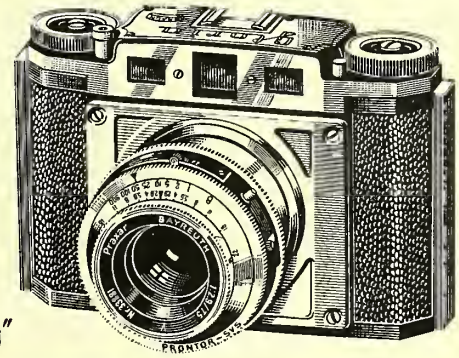
Leather Ever-ready case £2 . 17 . 0



2¼" x 2¼"

Gloria

High speed *f*/2.9 Praxar lens system, world-famous Gauthier shutter, synchronised for flash, and with delayed action release. Focusing from 3½ft. to infinity. Built-in rangefinder, automatically extending front, double exposure prevention device, accessory shoe, depth of field scale. Leather-covered body with smart chrome trim.

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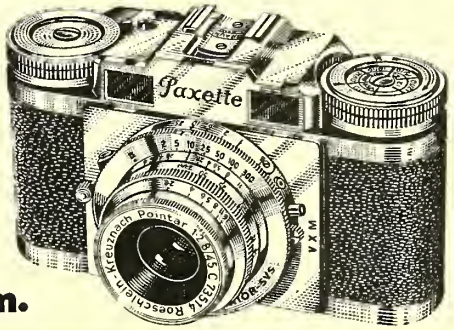

35 mm.

Paxette

f/2.8 Pointar Anastigmat colour-corrected lens; Prontor S.V.S. 8-speed shutter, synchronised for flash, and with delayed action release for self portraiture. Focusing from 3½ft. to infinity. Rapid lever wind, coupled to shutter and film transport as a safety device against double or blank exposures. Leather-covered body, satin-chromed finish.

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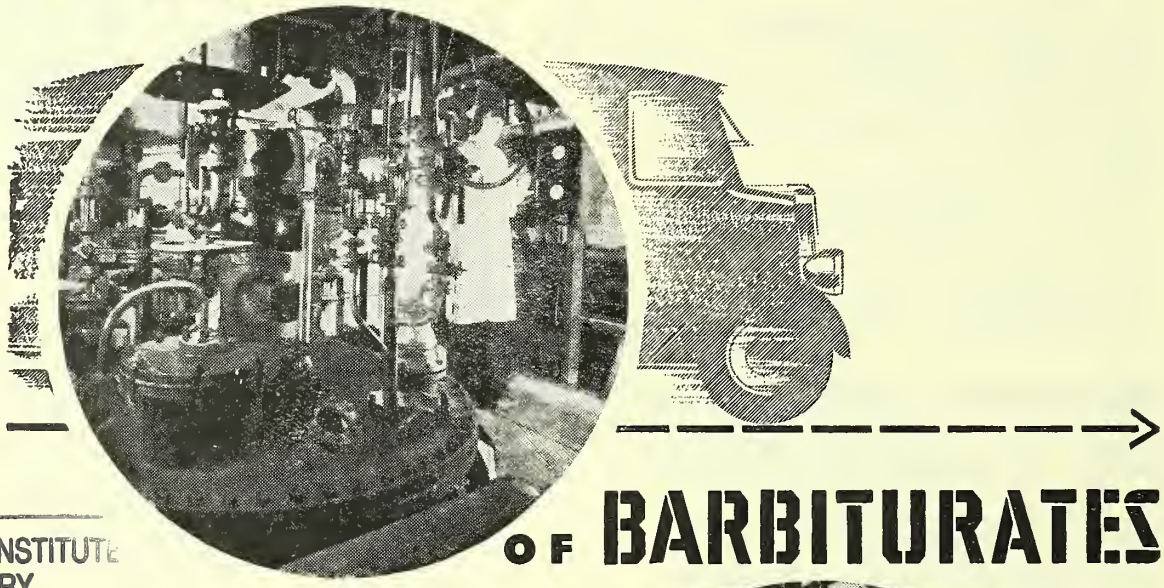

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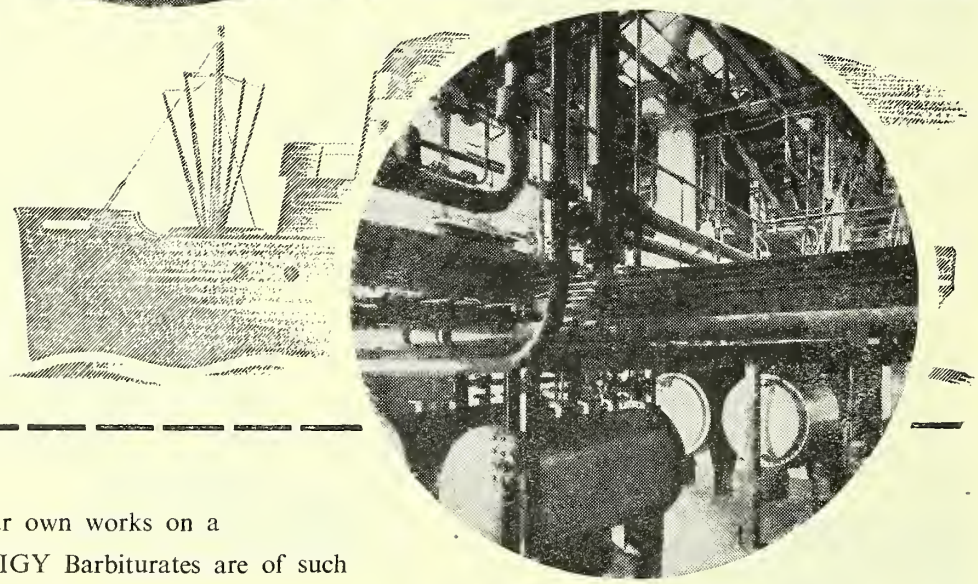

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Strained Foods

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THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland

Volume 165 April 28, 1956 No. 3975

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BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON

The CHEMIST AND DRUGGIST

Volume 165 APRIL 28, 1956 No. 3975

No Rates "Strike"

NATIONAL CHAMBER WITHDRAWS ADVICE

THE National Chamber of Trade has countermanded its advice to shopkeepers to keep back, until the last moment, payment of local rates as a protest against the rating reassessments.

The decision was taken after delegates to the Chamber's annual conference had been told on April 24 that action proposed in a resolution, suggesting withholding of local rates, could be construed as conspiracy at common law. Such action, they were informed, did not befit the high standards of traders. Earlier Mr. Robert Bradshaw (chairman of the board of management of the Chamber) had said that to advise members not to pay their rates until the last day of discount, or until the last day before a non-payment summons was likely to be taken out, was not a rates strike.

Pharmacists' Union

MEETING OF COUNCIL

OFFICERS of the Registered Pharmacists' Union appointed at a meeting of council on April 18 were: *President,* Mr. G. H. Sheard; *Vice-president,* Mr. Neale; *Treasurer,* Mr. W. T. L. Hives; *Secretary,* Dr. D. J. Gibson. It was reported that the London Branch of the Union has been renamed the London and Home Counties Branch. The following were appointed branch officers: *Chairman,* Mr. F. J. Neale; *Secretary,* Mr. E. Birss. The secretary reported that the Union's finances were satisfactory. A copy of the 1955 balance sheet was available to members on application. Mr. Armstrong gave the Council his personal comparison of English and Australian pharmacy.

Export Licensing

CHANGES IN CONTROL

CHANGES in export licensing control made by a Board of Trade Order come into force on May 4. The principal changes include the following:—

(1) Licences will not be required (except for exports to China, Macao, Tibet, and North Viet Nam) for the export of chloropicrin and certain silver alloys.

(2) Licences will be required for the export to destinations other than the British Commonwealth, the Irish Republic and the United States of America of specified crystals and lithium compounds.

(3) Licences will be required for the export to all destinations of specified photographic processing machines.

The changes are made by (a) The Export of Goods (Control) (Amendment No. 4) Order, 1956 (S.I., 1956, No. 576, price threepence); (b) Transhipment Open General Licence Amendment dated April 18, 1956 (price fourpence); (c) The Strategic Goods (Control) (Amendment No. 2) Order, 1956 (S.I., 1956, No. 577, price threepence). Copies are obtainable from H.M. Stationery Office.

Imported Machinery

DUTY-FREE LICENSING REQUIREMENTS

THE Board of Trade announces that applications for the remission of the duty normally chargeable on imports of machinery will have to meet the following conditions: The user of the machine must submit evidence to show that when he placed the order for the foreign machine (a) no manufacturer in the United Kingdom of similar machines could deliver within two years; and (b) that in cases where delivery by U.K. manufacturers was between twenty-four and thirty months, the foreign delivery was within fifteen months; if more than thirty months, the foreign delivery was within one half of the period. Licences issued on those grounds will be valid until fifteen months from the date of the user's order for the foreign machinery or half the period required for delivery of similar U.K. machinery, whichever is the greater, and the period of validity of the licences will not be extended.

Scientific Films

CONFERENCE AT ASHORNE HILL

THE Scientific Film Association is holding a conference on "Film as an Aid to Management," at Ashorne Hill, nr. Leamington Spa, May 16–18. The programme includes, on the first day, an address on "Some Problems confronting Management today," by Mr. J. P. Martin-Bates (managing director, Production-Engineering, Ltd.); an address on "Films and Industry," by Sir Arthur Elton (director, Film Centre, Ltd., and President of the Scientific Film Association); followed by films selected by Sir Arthur to illustrate his address; and an illustrated address on "The Industrial Film in Europe," by Mr. L. Gould-Marks (Visual Aids Section, European Productivity Agency). On the second day, the morning and afternoon sessions are being devoted to section meetings. Each section will discuss the problems associated with the use of films in its particular field, will view some films, and its chairman will report to the conference. The sections are industrial research; work study; health, safety and welfare, works in-

AT BRITISH INDUSTRIES FAIR: Callers at stand of "The Export Review of the British Drug and Chemical Industries" at the Olympia, London, section of the B.I.F. (see p. 314). Also on the stand were exhibited books in THE CHEMIST AND DRUGGIST series.

formation; technical education; supervisory training; operator training; and recruitment and vocational guidance. The evening, and the morning of the third day, are being devoted to section reports, with film illustrations, followed by a summing up by Mr. Edgar Anstey (films officer, British Transport Films). The fee for the conference, inclusive of accommodation and membership of Ashorne Hill Club, is £7 7s. Application forms are obtainable from the Scientific Film Association, 164 Shaftesbury Avenue, London, W.C.2.

Monsanto Research

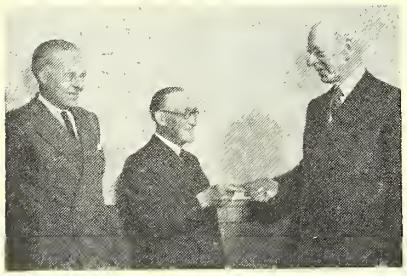
AN INDUSTRIAL RADIATION LABORATORY

NEW research laboratories at the Newport, Mon, factory of Monsanto Chemicals, Ltd., were officially opened on April 17 by Sir Cyril Hinshelwood (President of the Royal Society). They were named the Rideal Laboratories in honour of Professor Sir Eric Rideal, F.R.S. (consultant to, and until recently a director of, the company) who was present at the ceremony. The laboratories have been designed to augment the facilities at the Nickell Laboratories, Ruabon, Denbighs (opened 1949) and the applicational research laboratories at Fulmer Hall, Bucks (opened 1951). The purpose of the new laboratories is to improve products and processes and develop new products. A feature is a radiation laboratory in separate building—a major departure from conventional research believed to be the first industrial radiation laboratory in Britain. In it the effects on chemical processes of nuclear radiation from cobalt 60 will be investigated.

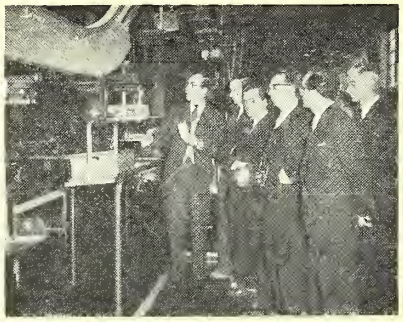
Industrial Chemists

PLANS FOR SOCIETY'S ANNUAL MEETING

ARRANGEMENTS made for the seventy-fifth annual meeting of the Society of Chemical Industry provide for visits to a number of factories and research organisations in the London area. The week of the meeting (July 9–15) begins with a reception at Guildhall by the chairman (Sir Charles Dodds) and Lady Dodds on Monday evening. The annual meeting takes places next day. Places to be visited during the week include the Paint Research Station at Teddington, the National Institute for Medical Research, the Central Electricity Authority (Bankside generating station), Glaxo Laboratories, Ltd., Greenford, the Isle of Grain refinery of Shell-Mex and B.P., Ltd., and the Atomic Energy Research Establishment at Harwell. The annual dinner is being held on the Wednesday.



LONG-SERVICE AWARD: Mr. J. Armstrong receives a presentation from Mr. K. C. Allen on behalf of the directors of Stafford Allen & Sons, Ltd., Wharf Road, London, N.1, on the occasion of his retirement after fifty-six years with the company.



GERMAN JOURNALISTS AT DRUG WORKS: A party of German journalists photographed with Mr. W. John Merrick during a visit to Evans Medical Supplies, Ltd., Speke, Liverpool, 19, as part of a tour of industry sponsored by the Foreign Office through the Central Office of Information. The visitors were welcomed by Mr. C. W. Robinson (pharmaceutical development director of the company), who gave them a short talk in German on the British pharmaceutical industry.

IRISH NEWS

Ulster Chemists

MONTHLY MEETING OF EXECUTIVE

AT the April meeting of the Executive Committee of the Ulster Chemists' Association, held in Belfast on April 10, Mr. W. S. Hall (president) was in the chair.

A vote of sympathy moved by THE PRESIDENT was passed to the widow of the late Mr. James White, Coleraine, and to Mr. W. H. Mulholland, a former member, on the death of his father. MR. HALL welcomed members of local associations present by invitation, and expressed disappointment that others had not been able to attend. He hoped that the meeting would provide an opportunity for the visitors to see the work of the Executive Committee and to discuss their various problems. Mr. Hall said it was thought advisable to increase the provincial membership on the Committee, and on the proposal of MR. J. CALDWELL, seconded by MR. W. J. MOFFETT, it was unanimously agreed to co-opt Mr. N. A. J. Anderson, Portadown, to fill a vacancy created by the resignation of Mr. W. H. Mulholland. Mr. Anderson, who was present as secretary of the Portadown Chemists' Association, was welcomed by the chairman. The following were elected to membership: Messrs. J. N. Deehan, 86 Albertbridge Road, Belfast, J. P. Lawrence, Moneymore (branch), and the Model Chemists, Ltd., Bessbrook. Two apprentices and one assistant were elected to associateship. THE SECRETARY reported that, as instructed, she had contacted the Northern Ireland Members of the United Kingdom Parliament and placed before them the views of the Association on, and suggested amendments to, the Monopolies and Restrictive Practices Bill. MR. CALDWELL (an Association representative on the Belfast Chamber of Trade) reported that the Chamber had taken similar action. Others present reported that they had personally approached their Members of Parliament on the matter. An excellent report on Chemists Federation matters was given by Mr. Caldwell (N.I.C.F. representative on the C.F. council), who pointed out that arrangements had not yet been completed for fixing the permanent C.F. pelmet in members' windows. THE CHAIRMAN emphasised the value of local action committees. The decision of local wholesalers to introduce a new scale of charges for goods sent by parcel post, and the small percentage of profit on a number of lines handled by chemists, were considered. It was agreed to contact the National Pharmaceutical Union and if possible obtain their support in pressing for a higher minimum of margin.

Also present were Misses C. B. Abernethy and C. E. Culbert, Messrs. H. S. Anderson, J. A. Brown, H. G. Campbell, H. W. Gamble, R. Gibson, M. C. Mooney, W. R. McDonnell, J. McGregor, W. J. Rankin (treasurer), C. G. Rattie, A. Steede, A. Templeton, J.P. *Representatives from local associations:* Messrs. W. P. Ewart, T. H. Hamilton, W. Donaldson and H. A. McKinty. Miss A. E. Strachan (secretary) was also in attendance. Apologies for absence were received from Messrs. W. H. Boyd, W. R. McNabb, R. A. McEwen, T. A. Gibson, H. Donaghey, W. R. Mansfield and W. Moore.

Associates' Section

DISCUSSION ON APPRENTICESHIP

THE April meeting of the Associates' Committee was held in Belfast on April 9, Mr. J. E. Morley in the chair. On the motion of THE CHAIRMAN a vote of sympathy was passed to Mr. John White (assistant honorary treasurer) on the death of his uncle (Mr. J. White, Ph.C., Coleraine). It was agreed to issue a circular to members reminding them of the grant available towards attending the British Pharmaceutical Conference in Dublin, and requesting applications not later than May 14.

Examination Results

PHARMACEUTICAL SOCIETY OF IRELAND

SEVENTY candidates sat for the January Licence examination (Part II) held by the Pharmaceutical Society of Ireland. The following passed: Andrew F. X. Dolan, Mary Doyle, Marie Siobhan G. Edwards, Michael Gallagher, James P. Hennigan, Mary A. Herriott, Mary T. Kelly, John Kennedy, Desmond D. Leahy, Riobard F. MacConnmhaigh, Matthew Murphy, Annie Brigid Nolan, Bridget O'Leary, Richard Shanahan, Bernard Tedders, and Anne M. C. Tierney.

Dundalk Chemists

NEW RULES ADOPTED

A CODE of rules for the administration of Dundalk Chemists' Association was adopted by members at a meeting held in Dundalk on April 17. Mr. P. F. McGrath (president, Pharmaceutical Society of Ireland) and Mr. Brendan R. Smith (secretary, Irish Drug Association) attended. MR. SMITH outlined the I.D.A. method of pricing and said that where manufacturers, agents or wholesalers fixed a new price for a product, that price could be put in effect on notification, and without waiting for the I.D.A. price change.

NEWS IN BRIEF

A PERMANENT training centre, the first of its kind in the country, for the Birmingham Industrial Safety Group was opened by the Minister of Labour and National Service on April 12.

EXISTING arrangements for Anglo-Japanese trade and payments are being continued unaltered until September 30, save that a few additional quotas (amounting to about £150,000 each way) have been granted for the next six months.

RECENTLY elected Fellows of the Royal Society included Mr. Roy Markham (principal scientific officer, plant virus research unit, Cambridge) and Mr. W. D. M. Paton (professor of pharmacology, Royal College of Surgeons, London).

RECENTLY issued Board of Trade figures show that sales of chemists' goods by large retailers were 3 per cent. lower in February than in January but 12·1 per cent. higher than in February 1955. Independent retailers' sales were 2·8 per cent. higher (based on revised index number) in February than in January, and 8·9 per cent. more than in February 1955.

CHEMIST and medical sales forces of Genatosan, Ltd., Loughborough, Leics, with members of Fisons Chemicals (Export), Ltd., London, met on March 28 for a two-day sales meeting in the recently built conference room at the company's Derby Road office. Largest ever held by the company, the meeting was opened by Mr. C. H. Noton (managing director), Mr. C. E. Macqueen (commercial manager) presiding.

THE final report of the Council of the Pharmaceutical Society on resolutions passed at the Branch Representatives' meeting held in May 1955, states that the Council regrets that it is not yet in a position to report further on the resolutions stated in the interim report to be under consideration (see *C. & D.*, November 12, 1955, p. 542) because those resolutions are being considered as part of wider issues now under review, and the subjects with which they deal will be discussed in a report on those issues.

SPORT

Golf.—SOUTH LONDON AND SURREY PHARMACISTS' GOLFING SOCIETY, Spring meeting, at Purley Downs golf club, on April 18. Bogey competition for silver tankard (donated by Mr. G. G. Watt). (1) J. Mackenzie, Sundridge Park (all square); (2) F. Jamieson, Shirley Park (1 down); (3) M. Lewis, Shirley Park (3 down). *Visitors:* (1) H. W. Buck, Mannings Heath (all square); (2) H. Magonet, Shirley Park (1 down).

LONDON CHEMISTS' GOLFING SOCIETY at Crews Hill golf club on April 18. *Medal* and *Arthur H. Cox prize:* W. S. Hutcheon (12) 76; *D. & W. Gibbs prize:* J. A. Bennett (20) 77. *Bogey* and *Thomson cup:* W. N. Cockburn (9) 6.

EDINBURGH CHEMISTS' GOLF CLUB at Bruntsfield Links, recently. *Allenbury's prize*, J. White (28), 65; *scratch*, I. Hugh Semple, 77; *No. 1 section*, A. Young (12), 70; *No. 2 section*, J. Liddell (21), 70.

LOCAL OFFICERS

PHARMACEUTICAL SOCIETY

Plymouth Branch.—*Chairman*, Mr. K. J. Wadge; *Vice-chairman*, Mr. L. T. Warn; *Treasurer*, Mr. J. P. Fox; *Secretary*, Mr. A. G. M. Madge, P.C.S. Pharmacy Office, Vauxhall Street, Plymouth.

TOPICAL REFLECTIONS

By Xrayser

Interim Report

Probably no body charged with the planning of a pharmaceutical course of study has been faced with greater difficulties than the subcommittee which presented its interim report to the Council at its last meeting (p. 301). There has been a natural desire throughout pharmacy to see a policy formulated that would guarantee a form of stability for a foreseeable period. Such an attitude is praiseworthy. But it is evident that the whole field of medicine, to which pharmaceutical education must be harnessed, has never been in such a state of instability. The rapid succession of new substances and new methods of treatment inevitably call for a curriculum which can be shaped and adapted to a constantly changing set of conditions. That being so, it is perhaps not surprising that the interim report should have indicated the need for more time to make the necessary alterations in the syllabus. A reassessment of the relative importance of the various subjects would appear to be necessary, and it may be that tradition keeps a certain amount of dead wood in the syllabus which could now be ruthlessly cut down to allow for a greater emphasis on subjects likely to be of greater value to the pharmacist of the future. But it must be assumed, although Mr. Maplethorpe indicated that it would be at least another year before his committee could make final proposals, that there has been considerable discussion on the scope of the syllabus, otherwise the duration of the course now proposed could not have been determined. In the circumstances, I agree that it was expecting a good deal to ask the Council to give effect to the proposals at such short notice. I cannot see why it should be thought necessary to ask for more than an acceptance of the matter as evidence of progress, pending the production of the final report. To request the preparation of regulations to give effect to a part only of eventual proposals seems as unnecessary as it is undesirable.

Elbow-room

The proposals before the Council cover a wide field, and a first reading suggests that effect has been given to all the alternatives explored except the one which Mr. Macfarlane attempted to have retained—the right to proceed straight from school to apprenticeship. Your comment that it would be better for everybody to be told what sort of profession the educators are aiming to create is apposite. My own feeling is that the intention behind the proposals for the four-year course of a post-intermediate (or post-entrance) training is to allow elbow-room for the early introduction of three years of college and one year of practical training, thus equating as nearly as possible the degree and the diploma. It is true that there is mention of the fact that a two-year final course would require a two-year practical training, but one may be excused for wondering if that would last for more than a few years, if indeed it ever came into being. The first round would seem to have gone to the educationists.

Action and Uses

In recent addresses by Mr. J. Lewis (lecturer in pharmacology, Glasgow University) and Dr. D. McCall (resident secretary, Scottish Department of the Pharmaceutical Society) (pp. 289 and 296) both speakers stressed the importance of a knowledge of the action and uses of drugs, so that the pharmacist should be able to advise the doctor on new drugs. I was glad to see that Mr. Lewis took the wide view. Addressing the students' conference at Glasgow, he said that, when the students qualified, they would be dealing with drugs—preparing, distributing or assaying them. That function, said Mr. Lewis, was a considerable responsibility, and the reason why a good background of pharmacology was necessary. Recent research into the properties of boric acid and borates draws attention to an aspect of the pharmacist's functions which is seldom mentioned these days—his rôle as skilled and knowledgeable distributor of medicinal substances. The public should be afforded the protection of the pharmacist in its purchases of even the most innocent-looking drugs and chemicals, and Mr. Lewis does well to remind us of the importance of skilled distribution.

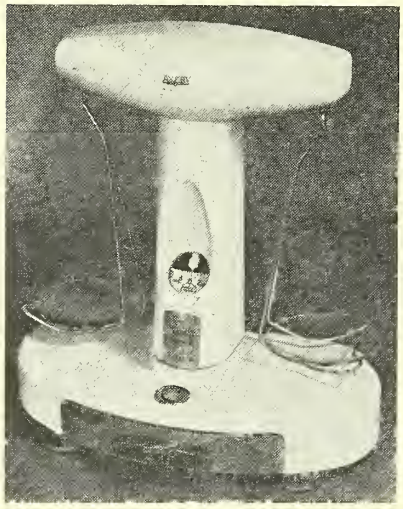
British Industries Fair

BIRMINGHAM AND FINAL LONDON SECTIONS

AT a preview of the Birmingham section of the British Industries Fair on April 20 the chairman of the management committee (Mr. J. I. Yates) referred to the closing of the London section. He said that, from 1957 onwards, the B.I.F. as a whole would be staged at Castle Bromwich, Birmingham. There was ample room on the site for extension, and the policy would remain that of providing accommodation for manufacturers from all trades within the Commonwealth. New exhibitors would find that they had better sites, at lower costs, than at any other trade show in the country. There was a need in Britain for a large general fair comparable with those so successful on the Continent, and overseas buyers would not consider it in any way strange that such a fair should be held in Birmingham rather than London.

At the preview, many exhibitors had failed to get their stands ready for inspection, but there were exceptions.

Personal weighing machines were a prominent feature on the stands of GEORGE SALTER & CO., LTD., West Bromwich, and PRECISION ENGINEERING CO. (READING), LTD. W. & T. AVERY, LTD., Soho Foundry, Birmingham, 40,



showed a new type of dispensing balance (illustrated), a feature of which is that there is no finger lever for raising the beam.

For cleansing or protecting the hands of industrial workers, BORAX CONSOLIDATED, LTD., Carlisle Place, London, S.W.1, showed Braxo cleansing powder, and ROZALEX, LTD., Norfolk Street, Manchester, 2, their range of barrier creams, with particular emphasis on their No. 9 cream for protection against dye intermediates, synthetic resins, etc. THERMOS (1925), LTD., Seymour Road, London, E.10, at Birmingham for the first time, showed their whole range of flasks and jugs, including a new-shaped jug soon to be available in a variety of bright colours.

Last London B.I.F.

Ironically the London section of the Fair, which opened at Olympia on April 23, and which the Government has announced is the last to which it will lend financial support, contains the largest and most representative display of Britain's chemical technology and production in the whole forty-one years of the Fair. That was revealed by MR. R. A. BUTLER (Lord Privy Seal and former Chancellor of the Exchequer) when he performed the official opening ceremony.

In his opening speech, Mr. Butler took as his text the quotation:

"And every fair from fair sometimes declines. By chance, or nature's changing course untrimmed."

In a sense, he said, the Fair's success had brought about its own demise. It had taught industry to be exhibition-minded, and, as a result, offshoots had sprung up in such numbers and strength as to overpower the parent tree.

To represent an industry which, in 1955, exported £233 millions' worth of goods to almost every country in the world, about 120 of Britain's leading chemical manufacturers were occupying 27,000 sq. ft. in the National Hall. That was fitting in a year that was being celebrated as the hundredth anniversary of the discovery of the first synthetic dyestuff by William Henry Perkin.

Chemical Section

Central feature of the chemical section was a large octagonal stand occupied by the Association of British Chemical Manufacturers. On the outside wall of one of the sides was a mural depicting the life of Perkin. The mural includes, as inset, a model showing the interior of Perkin's first coal-tar colour factory.

An exhibit staged by the Association of British Pharmaceutical Industry illustrated, in twenty panels, the products of the industry, including drugs for tropical diseases.

The applications of high-melting-point waxes were shown by ABRIL CORPORATION (GT. BRITAIN), LTD., Golden Mile Works, Bridgend, Glam.

Products featured at the stand of ALBRIGHT & WILSON, LTD., 49 Park Lane, London, W.1, included malathion organo-phosphorous insecticide, organo-tin compounds used in coccidiosis, and silico-fluorides for water fluoridation. Also shown were Proban antiflame finish for cellulosic materials and chemical and electrolytic polishes for aluminium that can be colour-anodysed, providing a bright finish for such items as lipstick containers.

The use of Imferon intramuscular injection in iron-deficiency anæmias was illustrated by BENGER LABORATORIES, LTD., Holmes Chapel, Ches, who also showed Dextraven blood volume expander and Hyalase.

Pharmaceutical intermediates, cosmetic stearates, foaming agents, emulsifying agents and essences and flavours were featured by A. BOAKE, ROBERTS & CO., LTD., Carpenters Road, London, E.15.

BOOTS PURE DRUG CO., LTD., 37 Station Street, Nottingham, featured their range of industrial, agricultural and pharmaceutical chemicals.

On the stand of THE BRITISH DRUG HOUSES, LTD., Laboratory Chemicals Group, Poole, Dorset, special emphasis was given to the company's range of laboratory reagents, which, since 1945, have been labelled with details of minimum assay and maximum permitted limits of the more significant impurities, and with other criteria of purity. Of special interest to overseas visitors was a new type of bottle designed for volatile liquids such as acetone. Maximum security against loss by evaporation in transit is given to the bottle by a crown-cork seal; a screw-on cap that covers the crown top closes the bottle when in use. A new range of "volume" packings of liquid reagents replaces the seventy or eighty different types previously in use with six sizes from 10 mils to 1 litre, in either amber or white glass and each with glass or plain stoppers.

Sheet gelatin for pharmaceutical uses; organic fertilisers; and a selection of Personality beauty products were shown by BRITISH GLUES AND CHEMICALS, LTD., 15 Kingsway, London, W.C.2.

Calcium carbide derivatives figured on a chart displayed by BRITISH OXYGEN CHEMICALS, LTD., Bridgwater House, Cleveland Row, London, S.W.1 (the derivatives include melamine, polyvinyl acetate emulsion, vinyl pyrrolidone, and polyvinyl pyrrolidone).

Specially emphasised by BROTHERTON & CO., LTD., P.O. Box No. 6, City Chambers, Leeds, 1, were hydrosulphites, sulphoxylates, sulphites and bisulphites.

BURROUGHS WELLCOME & CO., 183 Euston Road, London, N.W.1, featured bulk chemicals—adrenaline, ergometrine, emetine, tubocurarine, digo- etc., showing both raw material and finished product. A pleasant touch was the use of Wedgwood jars to hold the chemicals, a plan in which Josiah Wedgwood & Sons, Ltd., had co-operated. A feature of the stand was a scale model of the Wellcome Research Laboratories at Beckenham.

A new precursor for penicillin V, as well as compounds for space deodorants, aerosols and cosmetics, were shown by W. J. BUSH & CO., LTD., Ash Grove, London, E.8.

COCKER CHEMICAL CO., LTD., Oswaldtwistle, Lancs, were making their first exhibition venture. They showed DDT; chlorinated xylenols, phenols and their homologues; terpineol and related compounds; chloral hydrate; and intermediates for the manufacture of weed-killers, including MCPA.

Visual displays to illustrate the part played in industry by the silicates of sodium and potassium were staged by JOSEPH CROSFIELD & SONS, LTD., Bank Quay Works, Warrington, Lancs. Illu-

minated transparencies showed stages in the manufacture of silicates.

Bulk chemicals and biologicals were the products selected for emphasis by EVANS MEDICAL SUPPLIES, LTD., Speke, Liverpool, 19. On show were a diagrammatic representation of the Burma pharmaceutical industry and a sledge box as supplied to the Trans-Antarctic expedition.

FISONS, LTD., Harvest House, Felixstowe, Suffolk, illustrated the effect of their fertilisers alone and with soil insecticide. A unique item was a fertiliser used by the Trans-Antarctic expedition for growing vegetables by hydroponics.

The application of fullers' earth as a carrier for insecticides and pigments was demonstrated by THE FULLERS' EARTH UNION, LTD., Patteson Court, Redhill, Surrey.

GENATOSAN, LTD., 12 Derby Road, Loughborough, Leics, illustrated the uses of their dermatological specialities.

Bulk penicillin, streptomycin, vitamins B_{12}, D_2 and D_3 were featured by GLAXO LABORATORIES, LTD., Greenford, Middlesex, who also directed attention to cortisone produced from hecogenin derived from East African sisal. A specimen of the plant was on view.

Toxaphene insecticide was shown by HERCULES POWDER CO., LTD., 140 Park Lane, London, W.1.

HICKSON & WELCH, LTD., Castleford, Yorks, showed intermediates for pharmaceuticals, herbicides, fungicides, etc.

Scientific Instruments

LAMINEX hypodermic needles, made of special quality steel and having a marked resistance to breakage, were shown by S. & R. J. EVERETT & CO., LTD., 939 London Road., Thornton Heath, Surrey, The needles have also a Huber point which is centred on the axis of the needle, and not, as in conventional needles, to one side. The needle point has also a larger, gentler-sloping bevel, making insertion straight and without tendency to drift, and ensuring smoother and easier penetration. The needles are slightly more expensive than the N.H.S. Drug Tariff yet allows. Also featured was the interchangeable Summit all-glass syringe.

Among laboratory glassware shown by QUICKFIT & QUARTZ, LTD., Stone, Staffs, was a 20 ft.-long 200-tube Craig counter-current liquid/liquid extractor. Its basic unit has fifty tubes, and it is available in manual, semi-automatic and fully automatic models.

G. H. ZEAL, LTD., Lombard Road, Morden Road, Merton, London, S.W.19, showed their wide range of thermometers, hydrometers, etc.

Fine chemicals, including general-purpose reagents, organic reagents for metals, solvents for absorption spectroscopy, and microscopical stains, were shown by HOPKIN & WILLIAMS, LTD., Freshwater Road, Chadwell Heath.

HOWARDS OF ILFORD, LTD., Ilford, Essex, showed Sorbester emulsifiers and sorbitol syrup for use as humectant in cosmetics.

Siopel barrier cream, Savlon liquid antiseptic, Sulmezil (combined penicillin and Sulphamezathine), Mysoline and Hibitane were featured by IMPERIAL CHEMICALS (PHARMACEUTICALS), LTD., Wilmslow, nr. Manchester.

Fine chemicals and prepared formulas for photographic use were shown by JOHNSONS OF HENDON, LTD., 335 Hendon Way, London, N.W.4.

KALENE (CHEMICALS), LTD., Waterloo Road, Cricklewood, London, N.W.2, showed the company's wide range of fine chemicals, organic and analytical reagents, antacids, etc.

KEMBALL, BISHOP & CO., LTD., Three Mill Lane, Bromley-by-Bow, London, E.3, showed citric and tartaric acids, cream of tartar, Rochelle salts, and gluconates.

Barium sulphate, B.P., and hydrogen peroxide were specially featured in the range of products offered by LAPORTE CHEMICALS, LTD., Luton, Beds.

LOUGHBOROUGH GLASS CO., LTD., Loughborough, Leics, illustrated their laboratory glassware, with special prominence to a fractional distillation column.

MARCHON PRODUCTS, LTD., Whitehaven, Cumberland, featured surface-active agents, emulsifiers, waxes and fatty alcohols.

The stand of MONSANTO CHEMICALS, LTD., Victoria Street, London, S.W.1, formed a prestige display illustrating the contribution made by the company's products to the world's industries, including the pharmaceutical.

Ion-exchange apparatus for use in purifying glycerin was illustrated by the PERMUTIT CO., LTD., Permutit House, Gunnersbury Avenue, London, W.4.

The uses to which pure phenols (special fractions 3:4, 3:5 xylenol) can be applied; and cresols and phenol mixtures, were illustrated by P. R. CHEMICALS, LTD. Brettenham House. Lancaster Place, Strand, London, W.C.2.

Alkyl bromides, bromoacetic acid and its esters, other bromine compounds, organo-tin compounds used as fungicides (as yet only in research stage), and other organic materials, were shown by PURE CHEMICALS, LTD., Kirkby Industrial Estate, nr. Liverpool.

Solvents and intermediates, ketones, alcohols, etc., and their formulation were shown by SHELL CHEMICAL CO., LTD., 105 Strand, London, W.C.2, who also displayed detergents, Epikote epoxide resins, insecticides and weed-killers.

Alums and aluminium sulphate were among the products exhibited by PETER SPENCE & SONS, LTD., Moorfield Road, Widnes, Lancs.

Intermediates for pharmaceuticals were emphasised by SPENCER, CHAPMAN & MESSEL, LTD. 45 Park Lane, London, W.1, the company having recently undertaken the manufacture of new types of nerve sedatives hitherto marketed only in the United States.

At the stand of JOHN & E. STURGE, LTD., 1 Wheeleys Road. Birmingham 15, illustrated panels showed uses of precipitated calcium carbonate.

WARD, BLENKINSOP & CO., LTD., 37 Queen Square, London, W.C.1, showed veterinary and ethical medical specialities of the company.

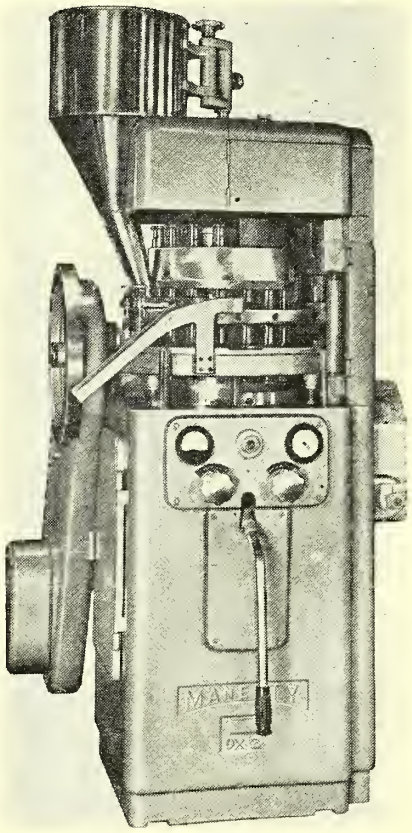
Bromine and iodine compounds of their own manufacture were shown by WHIFFEN & SONS, LTD.; ethylene diamine and its derivative were also featured.

Showcase Feature

The chemical section included also a large showcase section in which exhibitors showed selected products. The exhibitors were ALGINATE INDUSTRIES, LTD.; BORAX CONSOLIDATED, LTD.; BRITISH CHROME AND CHEMICALS, LTD.; BRITISH DYEWOOD CO., LTD.; CHEMICAL AND INSULATING CO., LTD.; CIBA LABORATORIES, LTD.; COOPER, MCDOUGALL & ROBERTSON, LTD.; DURHAM RAW MATERIALS, LTD.; WILLIAM EDGE & SONS, LTD.; GENERAL CHEMICAL AND PHARMACEUTICAL CO., LTD.; GRAESSER SALICYLATES, LTD.; EDWARD GURR, LTD.; ROBERT HALDANE & CO., LTD; L. LIGHT & CO., LTD.; A. H. MARKS & CO., LTD.; MENLEY & JAMES, LTD.; MIDLAND SILICONES, LTD.; MILTON INDUSTRIAL CHEMICALS (LONDON), LTD.; NEWTON, CHAMBERS & CO., LTD.; RECKITT'S (COLOURS), LTD.; ROCHE PRODUCTS, LTD.; THORIUM, LTD.; WASHINGTON CHEMICAL CO., LTD.; and WHEY PRODUCTS, LTD.

Tablet Making

A new rotary tablet machine, the DX 2, shown by MANESTY MACHINES, LTD., Speke, Liverpool, 19, produces tablets up to $1\frac{1}{4}$ in. diameter at the rate of up to 286 a minute. The machine is fitted with a special underload mechanism that prevents excessive strain



from foreign matter entering the die, a direct-reading pressure-gauge showing the load on the tablet. Also exhibited were a new bench coating machine with variable-speed drive; and a de-dusting chute that can be fixed to a tablet machine to remove dust from newly delivered tablets.

LEGAL REPORTS

Flies in Blackcurrant Drink

AT Blaenau Ffestiniog court on April 12, S. K. Williams, Ltd., 57 Abergele Road, Colwyn Bay, were prosecuted for selling an article of food (blackcurrant cordial) unfit for human consumption. The company pleaded guilty. The prosecution was brought after the wife of a sergeant-major found a dead fly floating in her blackcurrant drink in the sergeants' mess at Trawsfynydd Camp in January. The corporal serving the drinks examined the cordial and found seventeen dead flies in the bottle. The company were fined £10, with £1 10s. costs.

Repayment Successfully Claimed

A DUTCH business man and manufacturing chemist, Bastiann Heuff, Benoordenhoutseweg 270, The Hague, successfully claimed in the High Court, London, on April 18, the repayment of a loan and interest, totalling £2,996, from Sigismund Payne Best, High Lodge, Buckfastleigh, Devon, who associated with him in his business enterprises. Mr. Best is understood to have admitted receiving the loan in various amounts between 1930 and 1932. He was said by plaintiff's counsel to have been associated with Mr. Heuff and a third party, Mr. Van der Willik, in four companies manufacturing and selling pharmaceutical products in the Hague. None of the companies was very successful. Mr. Heuff was the financial backer and Mr. Best was managing director of one company and a director of each of the others. Under an agreement dated June 20, 1929, Mr. Best agreed to repay by January 1, 1944, the money he owed Mr. Heuff. Mr. Best pleaded that he was not now indebted to Mr. Heuff. The special circumstances in which the loan was made, and certain events that took place between 1939 and 1949, extinguished his indebtedness. By reason of the outbreak of war, Mr. Best was compelled to resign his directorships on October 25, 1939. He continued to serve the companies until November 9, 1939, when members of the German Gestapo crossed the Dutch frontier and seized him (he had been an agent of the British Secret Service). In his absence Mr. Heuff liquidated the company in which Mr. Best had shares. Mr. Best's other defence was that in July 1946 it had been orally agreed between Mr. Heuff, Mr. Best and Mr. Van der Willik that the association of Mr. Best with the remaining companies should not be renewed; that Mr. Best should abandon any claim and discharge Mr. Heuff from any liability in relation to Mr. Heuff's selling the business in Mr. Best's absence as a prisoner of war; and that Mr. Heuff would abandon any liability to him arising out of the loans. Giving judgment, Mr. Justice McNair said it had emerged quite clearly that Mr. Heuff had liquidated the company in which Mr. Best had a financial interest with the assistance of professional accountants and in an honest and straightforward manner. Mr. Heuff had no financial obligations to Mr. Best in this respect.

Concerning the meeting at Van der Willik's house in 1946, Mr. Heuff had said, and his lordship accepted his evidence, that he had not mentioned Mr. Best's personal loan to him on that occasion. Mr. Heuff had said that he would discharge Mr. Best from his financial liabilities to one of the companies. The judge said he had reached the conclusion that Mr. Heuff had made no agreement to discharge Mr. Best of his personal debt, but looked on Mr. Best as an old friend who would pay off the debt when he was able. Judgment was entered for Mr. Heuff with costs.

Dexedrine on Forged Prescription

A FIFTY-five-year-old woman pleaded guilty at Kingston-on-Thames, Surrey, county magistrates' court on April 23, to obtaining fifty Dexedrine tablets from T. Bishop, chemist, 10 High Street, Thames Ditton, by using a forged prescription. She had previously appeared before the court on April 17, when her name appeared on the charge sheet as Sarah A. Wilson. A detective-sergeant said the woman had refused particulars about herself, and he thought she had given a false name. Inquiries he made about a prescription she had presented to a chemist showed that there was no doctor at the Torquay address given as that of the prescriber. A probation officer, after speaking to the woman outside the court, handed to the magistrates a slip of paper which she said bore the woman's name and address, and the reason why she had not disclosed the information. When she appeared again in court on April 23 the woman admitted that her real name was Mrs. Ruth Marion Braund. The detective-sergeant said that a dispenser at the pharmacy became suspicious of Braund. When she went to the shop with a prescription for 100 Dexedrine tablets on April 14 he supplied her with fifty and told her she should return for the remainder the following Monday. She returned on the Monday and was interviewed by the detective-sergeant. Refusing to give her name and address, she said the tablets were for a friend she had been staying with. The detective-sergeant told Braund he believed the prescription was false. She replied: "It is quite in order as far as I am concerned. I am collecting them for a friend, Mrs. McKenzie, for a friend of hers." At New Malden police station Braund said her name was Sarah Anne Wilson, but would not give her address because she did not want to involve other people. Later she said she had herself made out the prescription and others and had made up the name and address of the doctor. Braund was stated to have been previously put on probation, fined and imprisoned for offences of forgery and false pretences — the result of a craving for drink. Since going to a home for alcoholics, partly as patient and partly as staff cook, she had not been drinking, but she had been taking Dexedrine for slimming. Braund, was remanded to Brookwood Hospital for two weeks.

COMPANY NEWS

Previous year's figures in parentheses

MONSANTO CHEMICALS, LTD. —Mr. D. R. Mackie has been appointed managing director.

THOMAS HEDLEY & CO., LTD.—Mr. J. M. Sim has been appointed a director of the company.

ALLEN & HANBURYS, LTD.—An interim dividend of 7½ per cent., less tax (same), on the Ordinary shares for the year ending June 30 is declared.

JAMES WOOLLEY, SONS & CO., LTD.—Colonel Stanley Watson has retired from the managing directorship of the company but retains a seat on the board.

P. H. GALLOWAY, LTD.—Trading profit for 1955 is £6,478 (£7,897) and balance, after directors' and auditors' emoluments, depreciation, etc., £1,786 (£947). No dividend (same).

EUCRYL, LTD.—Group profit for 1955 is £8,077 (£4,452) after tax of £11,308 (£8,586). Final dividend is 8 per cent. making 12 per cent. for the year (same).

SMITH & NEPHEW ASSOCIATED COMPANIES, LTD. — Group profits for 1955 after all charges except tax are £1,219,551 (£1,088,250); tax provision, £631,848 (£568,976); net profit, £587,703 (£519,274). Ordinary dividend 12½ per cent. (12 per cent.), less tax, plus 2½ per cent., not subject to tax (nil) on the Ordinary Capital.

EVANS MEDICAL SUPPLIES, LTD.—Group net profit for 1955 is £142,148 (£135,983). Undistributed profits, including reserves, £802,705 (£650,287). For other details see previous announcements (*C. & D.*, April 14, p. 254). The statement by the chairman Mr. Ian Fergusson, accompanying the accounts points out that, despite increased production and significantly larger sales, earnings of the company show a small decline. A new manufacturing unit at Speke for the production of tablets and sterile solutions is expected to be in operation later this year while new research laboratories are at an advanced planning stage. Plans for new biological production buildings have been retarded in response to the Government's request for curtailment of capital expenditure. Stockholders are being asked to agree to increasing the company's capital by £¼ million but the directors have no plans for an early issue of further share capital.

New Companies

P.C. = Private Company; R.O. = Registered Office

C. CAUNT (CHEMISTS), LTD. (P.C.).—Capital £6,000. To acquire the business of chemists carried on by the trustees of the late Christian Caunt, Kington, Herefords. Directors: Frances M. Caunt, Anne E. Caunt, Christine F. Pearson, M.P.S. and Derek Honeybill, M.P.S. R.O.: 42 High Street, Kington.

LILIA-WHITE (SALES), LTD. (P.C.).—Capital £5,000. To carry on the business of manufacturers of, and agents for the sale of cotton goods, surgical dressings, chemists' sundries, etc. The first directors are not named. Solicitors: Slaughter & May, 18 Austin Friars, London, E.C.2.

DEATHS

ALBAGLI. — At 59 Church Avenue, Rayners Lane, Middlesex, on April 12, Mr. David Albagli, aged sixty-five. Mr. Albagli was a director of Arscott & Albagli, drug and chemical merchants, London, E.C.3.

BERRY. — On April 4, Mr. Thomas Berry, M.P.S., 122 Duke Street, Sheffield, 2. Mr. Berry qualified in 1921.

BUNNISS. — On February 26, Mr. Wilfred Bunniss, M.P.S., 18 Oakwood Avenue, Royston, Yorks. Mr. Bunniss qualified in 1928.

CAMPBELL. — Suddenly on April 17, Mr. Allan Campbell, M.P.S., Plot 1, Baillie Drive, Bearsden, Glasgow. Mr. Campbell qualified in 1930. He had been a medical representative of Glaxo Laboratories, Ltd., for the past ten years. Among the territories he covered at various times were Devon, Cornwall, Warwickshire, and, up to the time of his death, Dumbarton, Argyllshire and Glasgow. He is survived by his widow and a young daughter. A memorial service for Mr. Campbell was attended by directors, members of the company's representative staff, and departmental executives on April 20.

HEARNE. — Recently, Mr. John Scaife Hearne, M.P.S., 20 Church Lane, Scarthoe, Grimsby, aged sixty-six. Mr. Hearne was a pharmacist at St. Bartholomew's Hospital, London, for some years until his retirement, recently.

HOWARTH. — On March 21, Mr. George William Howarth, M.P.S., 239 Church Road, St. Anne's-on-Sea, Lancs, aged seventy-five.

HUMPHREYS - JONES. — At her home, 197 Menlove Avenue, Wavertree, Liverpool, recently, Mrs. Bertha Humphreys-Jones, wife of Mr. H. Humphreys-Jones, F.P.S., former principal of Liverpool School of Pharmacy.

MORGAN. — At Hamilton House, Moffat, Dumfriesshire, on April 16, Mr. James Alexander Morgan, M.P.S., 28 Well Street, Moffat. Mr. Morgan qualified in 1923.

VAN DER HOEK.—At St. Andrew's Hospital, London, N.W.2, on April 21, Mr. Cornelis Van der Hoek. Mr. Van der Hoek was managing director of Van der Hoeks, Ltd., glass bottle manufacturers, London, W.C.1.

BUSINESS CHANGES

FOLLOWING the recent appointment of Mr. G. N. Wright as managing director it is announced that the name of Tattoo Cosmetics, Ltd., has been changed to Associated Products (England), Ltd.

Appointments

RADIOL CHEMICALS, LTD., 78 Upper Richmond Road, London, S.W.15, have appointed Mr. R. M. Lewington their sales representative for Birmingham and district.

ROUSSEL LABORATORIES, LTD., 847 Harrow Road, London, N.W.10, have appointed Mr. K. H. R. Collard, M.P.S., their sales manager for the home and overseas markets.

IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

MR. D. HEATHCOAT AMORY (Minister of Agriculture, Fisheries and Food) told MR. N. N. DODDS on April 23 that his Department was not sponsoring any experiments on the treatment of meat with aureomycin. The sale of meat containing aureomycin was at present a breach of the Public Health (Preservatives, etc. in Food) Regulations. The use of antibiotics as preservatives was being considered by the preservatives subcommittee of the Food Standards Committee.

Investigation of Prescribing

MISS P. HORNSBY-SMITH (Parliamentary Secretary to the Ministry of Health) told MR. A. BLENKINSOP on April 23 that the prescribing of 2,432 doctors in England and Wales was examined in the year ended March 31, 1956, because their costs appeared to be substantially above average. Regional medical officers had visited 468 doctors and had also written to 1,277 practitioners in the Service.

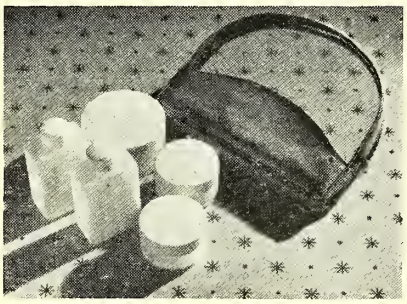
MISS P. HORNSBY-SMITH (Parliamentary Secretary to the Ministry of Health) told MR. A. BLENKINSOP on April 23 that in view of the risk that precipitate or unwise action might involve for exports and for fundamental research, the Minister had instructed that the pharmaceutical industry should be given full opportunity to justify or amend the proposals that had been put forward for fixing the prices of proprietary drugs prescribed in the National Health Service. There had been no delay on the Ministry's side and it was hoped to reach agreement before long.

The Department of Scientific and Industrial Research Bill was read a third time in the House of Lords on April 19.

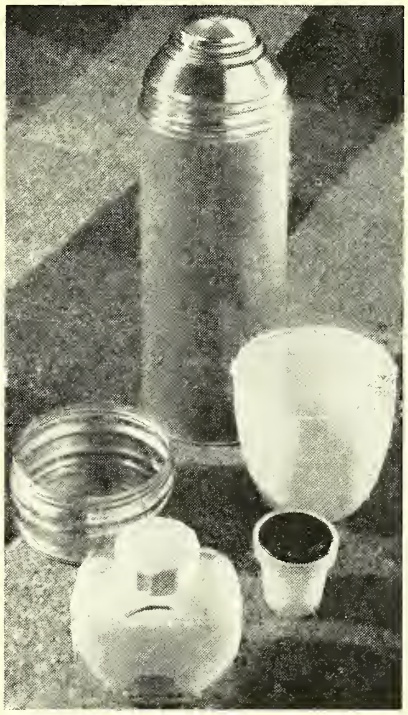
DESIGN CENTRE OPENS

Proudest products of many industries on show

THE Design Centre organised by the Council of Industrial Design to put on permanent display goods in which good performance is matched by equally good design is now open. Its formal opening on April 26 by the Duke of Edinburgh marks the accomplishment by the Council of an objective planned ever since its formation. Most of the exhibition area is given over permanently to a display of well-designed consumer goods of British manufacture. There are, in fact, in the opening displays, 1,020 products from 433 firms. Extremely few items from the stock-in-trade of a chemist are on view, but there are to be, from time to time, special displays of topical and trade interest. The displays of actual objects are supplemented by a picture and sample record of about 8,000 products, giving details of manufacture, source, etc. Nothing will be sold from the Centre, which will be open from 9.30 a.m. to 5.30 p.m., Monday to Friday each week. Everything shown is, so far as possible, being captioned with retail prices, and inquirers are being directed to stockists. To gain a place in the exhibition, an article must first be accepted by "Design Review." A selection committee meets weekly and considers products submitted by manufacturers. The committee consists of a panel of Council members who attend by rota, the Council's industrial officers (each experienced in a particular group of trades), and two independent consultants. Industrial advisers nominated to assist the committee on trade matters have the right of veto on technical grounds. The committee examines between 100 and 200 products a week. The estimated annual running cost of the Centre is £80,000.



Cosmetic pack made by W. A. Maylor, Ltd.



Vacco vacuum flask with built-in milk bottle. Made by Vacco, Ltd.

Provided at least half that sum is covered by receipts from exhibitors' fees, the Government will match the Centre's receipts up to a maximum to be determined. In addition, over £25,000 has been contributed by firms whose names will be published when the list is closed.

NEW PRODUCTS

Addition to Range.—Merck-Sharp & Dohme, Ltd., Hoddesdon, Herts, have added to their range of steroids Hydrocortone topical ointment, 0·5 per cent. (water-miscible base only). The product is available in 5-gm. and 50-gm. tubes.

Flavouring Syrup for Milk.—A new product, Di-Lactofort, produced and distributed by Cuxson, Gerrard & Co., Ltd., Fountain Lane, Oldbury, Birmingham, on behalf of Di-Lactofort Products (Co.), Ltd., originated in South

Africa, where it was formulated for a school feeding scheme. Di-Lactofort is a raspberry-flavoured nutrient for adding to milk. It contains fruit sugar, calcium and vitamins B_1, B_2, C and niacin.

A New Strength.—Roussel Laboratories, Ltd., 847 Harrow Road, London, N.W.10, announce the immediate availability of a ½ per cent. strength of Hydrocortisyl skin ointment. The new concentration is designed for treating benign cases of conditions in which topical hydrocortisone is indicated and for maintenance therapy where an economy can be achieved by using the lower strength. The packs are tubes of 5 gm. and 15 gm.

Central Nervous Stimulant.—A new product, Meretran brand pipradol hydrochloride, is being marketed from April 30 by Riker Laboratories, Ltd., Morley Street, Loughborough, Leics. A product of research carried out by the American Wm. S. Merrell Co., Meretran is a central nervous stimulant claimed free from the disadvantages of amphetamine-type drugs; it is indicated in the treatment of depression and fatigue states. The product is issued in bottles of thirty, 100 and 500 1-mgm. tablets. Meretran with reserpine is also being made available; its special purpose is for treating patients in whom agitation is combined with depression.

Hair Spray. — Blue Grass hair spray has been added to the products marketed by Elizabeth Arden, Ltd., 25 Old Bond Street, London, W.1. Not a lacquer, Blue Grass hair spray is stated to keep the hair "set, soft and pretty without a trace of stickiness." It is issued in pressurised container.

Shampoo Goggles. — For protecting the eyes during shampooing, William Oliver's (Rubber), Ltd., 132A Blackhorse Lane, London, E.17, are marketing shampoo goggles with eye-pieces of non-inflammable transparent rigid plastic bound with Terry cloth to absorb the liquid against which protection is required. The goggles are held in place with elastic, which for best results is pulled well down to the neckline. The goggles are equally suitable for infants and adults. Each pair is carded and wrapped in transparent tissue. A display box contains one doz. pairs.

Novelty Tooth-brush.—Combex Creative Plastics, Ganton House, Ganton Street, London, W.1, are marketing, by arrangement with Harry Corbett, a Sooty tooth-brush holder with novelty whistling tooth-brush. The Sooty figure has glass eyes, is hand painted, and can stand or hang.

TRADE NOTES

In Ample Supply.—Bayer Products, Ltd., Neville House, Eden Street, Kingston-on-Thames, Surrey, state that Panadol analgesic is now freely available in carton of twenty (the tablets in transparent-tissue strip) in addition to the 100- and 500-tablet packings.

Where a Drug Acts.—Lewis Laboratories, Ltd., Knowsthorpe House, Knostrop Lane, Leeds, 9, point out that the laxative action of their speciality Dulcolax is produced by direct contact of its active constituent on the colonic mucosa and not as previously stated.

Aminoacid and Antibiotic Powder.—Cicatrin powder, a speciality issued by Calmic, Ltd., Crewe, Ches, aims at "countering the changing pattern of bacterial resistance." Containing neomycin sulphate, zinc bacitracin, *l*-cystine, *dl*-threonine and glycine, it is bactericidal and bacteriostatic while minimising the risk that resistant strains may develop. It is claimed effective against most pathogens and active in the presence of blood and tissue exudates. The pack is a polythene sprinkler containing 15 gm.

Distribution in India.—N. Manilal & Co., 55 Yusuf Buildings, 68 Mangaldas Road, Bombay, India, seek sole agencies for antibiotics, proprietary medicines, etc.

Bonus Offers

ALLEN & HANBURYS, LTD., Bethnal Green, London, E.2. Acriflex. Twelve charged as eleven on direct orders for six doz. or more either size assorted as desired. In return for display, and for limited period. Normal carriage terms apply.

B. HOOPER & CO., LTD., 6 Railway Place, Fenchurch Street, London, E.C.3. Ilox eye lotion. Thirteen to doz.

PHOTOGRAPHIC NOTES

Sixteen Exposures on 127.—Purma Cameras, Ltd., Hirwaun Trading Estate, Rhigos, Aberdare, Glam, point out that the Purma Plus camera takes sixteen exposures on 127 film, and not as recently stated.

Negative Storage. — Inquiries are invited by Allman & Son, Ltd., 17 Creechurch Lane, London, E.C.3, for their Minidex libraries for 35-mm. negatives and binders for 2½ x 3¼-in. and 2¼ x 2¼-in. negatives.

Improvements in a Camera. — The 1956 model of the Solida I camera, taking twelve pictures on 120 film, is equipped with a new f/5·6 lens, the Prankar anastigmat, and Gauthier Vario shutter with speeds of 1/25, 1/50, 1/200 second and bulb. A range of accessories obtainable includes ever-ready case, filters (light and medium yellow, green, orange), sunshade, and three portrait attachments. Distributors are R. F. Hunter, Ltd., 51 Gray's Inn Road, London, W.C.1.

A Popular Camera for the Amateur.—The Nixette camera distributed in Britain by J. J. Silber, Ltd., 51 Avenue Chambers, London, W.C.1, which was briefly noted in the *C. & D.* photographic supplement, April 14, is a 6 x 6 cm. folding camera of smart streamlined appearance. It should attract many customers and indeed made its appeal to several amateur photographers to whom it was shown in order to gauge its effect. The front of the camera has a positive snap-open action, single-fold bellows, 7·5 cm. f/5·6 Supra anastigmat lens, and a three-speed Vario shutter (B, 1/25, 1/50 and 1/200 sec.) synchronised with 3-mm. coaxial socket for M class flashbulbs. There is front-cell focusing, and the other two settings (stop and speed) are visible from the top. There are a direct-vision finder with accessory shoe,

and a large milled wheel at right for winding the film. The finish is of black fine-grain and satin, and there are a cable release socket and large, easily-located shutter-release lever. The shutter cannot be operated until it has been cocked. The camera is packed in a transparent plastic bag in neat red-and-white box, complete with instruction sheet. The camera weighs 1 lb. unloaded. Tests assured the reviewer that synchronisation at 1/25 sec. secured the full power of the bulb. Shutter speeds were reasonably accurate, judging—as the amateur would—by variations in the density of the negatives, and definition was adequate. One small criticism is that, when the flashlead is connected, it passes across the line of vision of the viewfinder. That could be obviated by shifting the viewfinder position a little to the right (seen from the camera back). If the red window for viewing the numbers at the back of the camera could also be made flat, instead of convex, it would make the numbers more easily seen.

Photoflash Batteries. — Ever Ready Co. (Great Britain), Ltd., Hercules Place, London, N.17, are manufacturing a comprehensive range of batteries for use in the field of photoflash equipment, hearing aids and other apparatus requiring a compact electric power supply. They offer technical advice to designers of electronic equipment.

COUNCIL ELECTION CANDIDATES

An outline of their careers and their policies

THE following biographical details and policy statements have been submitted, at the invitation of the Editor, by those seeking election to the Council of the Pharmaceutical Society on May 16:—

BARNES, J. FARRER

PROPRIETOR of four pharmacies in Liverpool. Apprenticed to a family business in Ulverston, Lancs. Qualified 1928, from Liverpool College of Technology and Manchester University. Branch manager for Timothy Whites & Taylors, Ltd., before going into his own business; president, Liverpool Chemists' Association; chairman, Liverpool Branch, Pharmaceutical Society; a member, Liverpool Pharmaceutical Committee, and of the pharmaceutical service committee, and a committee member, Liverpool Branch of the National Pharmaceutical Union.

POLICY: My main pharmaceutical interests are education, ethics and economics. There is wide variation in the quality of educational facilities open to pharmacy students in different parts of the country and more positive action is needed to reduce those discrepancies. There is also a continuing need for action in recruiting apprentices. The Society's code of ethics calls for greater definition. The object of maintaining and improving the standing of the pharmacist is good but to prosecute that object without a sense of realism will hinder its achievement and alienate members. The code should apply without discrimination and the Society should inform members precisely what constitutes a breach of the code. The retail pharmacist is not only a professional man but also a tradesman rendering a valuable service in providing a wide range of goods. Good service is the pharmacist's greatest moral and economic asset and should be encouraged in every way consistent with the Society's charter.

BOOTH, T. C. N.

SUPERINTENDENT and managing director, Broom, Reid & Harris, Ltd., Exeter. Apprenticed to the late Mr. J. C. Thompson, Middlesbrough. Served in the 1914–18 war. Qualified in 1920 from the Society's School of Pharmacy. Manager, Lewis & Burroughs, Ltd., 1921–26. Proprietor pharmacist, 1926–47, since when he has held his present appointment. Chairman, Exeter Branch, Pharmaceutical Society; secretary, Exeter Branch, National Pharmaceutical Union; a member, Devon and Exeter Pharmaceutical Committee and of the pharmaceutical service committee. A former chairman, North Metropolitan Branch, Pharmaceutical Society, North London Chemists' Association and North London Branch, National Pharmaceutical Union. A director of Unichem, Ltd., and a member of council, Proprietary Articles Trade Association.

POLICY: The Society should try to equate the intake of students with the demand for pharmaceutical services, and ensure that training, examination and post-graduate work are related to the positions that most of them will later hold. The value of the pharmacist's contribution to the welfare State must be stressed, so that his status and remuneration are more nearly approximated to his duties and responsibilities. The Society should continue to press for the reservation of all dispensing to pharmacists. There should be closer liaison between members and the Council. The alleged "apathy" of members is because there is, under the present system, little they can "do about it." Expansion and development of Branch responsibility could eliminate that attitude. Branches could offer useful advice to the Council if controversial matters were referrred to them for discussion. The job of the Council is to assist the member and not to hamper him with frustrating regulations.

BROCKLEHURST, E. A.

PROPRIETOR of five retail pharmacies. Qualified 1927. Has been a member of Council since 1944 and during that time has served as a member of all the standing committees. Vice-president of the Society, 1953–54, and president, 1954–55. Chairman of the Executive of the National Pharmaceutical Union, 1945–46 and a member of that Executive since 1938. A past president of the Chemists' Federation and a member of the Central N.H.S. (Chemist Contractors) Committee. Has served as chairman, Hull Branch, Pharmaceutical Society, and as president, Hull Chemists' Association, and as a member of the Hull Executive Council.

POLICY: The Council is engaged in consolidating the higher professional standing gained when the Revised Statement on Matters of Professional Conduct was accepted by members, and I am sure that with careful consideration of all the issues involved our position can be further strengthened. I am aware of the very diverse interests and work of our members but consider a sound policy favourable to the big majority can be worked out. Nearly twenty years' experience in administrative work associated with pharmacy at national level has taught me that most of the problems with which we are faced can be solved by an elected Council generally representative of the membership. Shortly a revised educational policy will be submitted and I think that will be a further step forward in pharmaceutical education. I hope in the future it may be possible for the Society to provide congenial residential accommodation for the lonely and elderly.

BURR, MARY A.

PROPRIETOR pharmacist. Qualified 1929. A member of Society's Council since 1947, and has been chairman of the Benevolent Fund and Ethical Committees. Among the other offices she has held are: Chairman, Nottingham Branch of the Society; president, National Association of Women Pharmacists; pharmaceutical representative on the Court of the University of Nottingham.

POLICY: I am prepared to give my time, attention and experience to help to carry out the Charter obligations. I uphold all possible steps taken to raise the status of pharmaceutical practice and to safeguard its rights. I strongly support a realistic and practical approach to the educational requirements of pharmacy. My visits to the Society's branches throughout Great Britain have afforded me an opportunity to assess, to some degree, the future of pharmacy. The enthusiastic interest and concern for pharmaceutical developments and betterment on the whole displayed by members of the branches, together with the increasing support from the newly qualified and student organisations that I have encountered, have encouraged me to seek re-election.

CHAMINGS, A. R. G.

MANAGER, Ciba Laboratories, Ltd., Horsham. Apprenticed to Wands, Ltd., Leicester. Qualified as a chemist and druggist from the Leicester College of Technology. Remained with Wands, Ltd., as branch relief manager and subsequently took charge of the central drug department of that company. During that time he passed the Pharmaceutical Chemist Qualifying examination. In 1927, joined the staff of the Leicester School of Pharmacy as a lecturer in botany and two years later became head of the School, obtaining the Bachelor of Pharmacy degree (one of the first twelve in Britain) the same year. Until 1941, as head of the School, he was responsible for the complete reorganisation of accommodation and training courses in pharmacy and the School became recognised as a training centre for the Pharmaceutical Society's examinations and the Bachelor of Pharmacy degree course of London University. Joined Genatosan, Ltd., in 1941 as superintendent pharmacist and in 1946 took up his present post. Has lectured to many Branches of the Pharmaceutical Society. On many occasions has been Branch Representative. Is a member of the Pharmaceutical Society's Films Committee and an honorary life member of the British Pharmaceutical Students' Association.

POLICY: Council members should strive for the enhancement of retailer status, which is inevitably bound up with the realistic training of apprentices. Apprenticeship should not be the token apprenticeship of today, but a fundamental commencement of the individual's career. I believe that a more satisfactory spread of educational facilities is necessary. That could be achieved by allowing the student to work up to the level of the Society's important diplomas through technical colleges. I am opposed to the dilution of the profession by the registration of dispensers. I would support hospital pharmacists' endeavours to achieve a fair reward for their services, and to have full responsibility for all matters appertaining to the purchase and handling of drugs in hospitals. All sections of pharmacy should realise their interdependence and mutual obligations. Branch activities should be strengthened and branches should be allowed to play a more

active rôle in defining and establishing pharmaceutical policy.

HESELTINE, T.

PROPRIETOR pharmacist. Has served on the Council for twelve years, being vice-president, 1952–53, and president, 1953–54. Since 1954, has been chairman of the Benevolent Fund and Birdsgrove House Committees, and is a member of the Statutory Committee and of the Poisons Board. Has been a member of the National Pharmaceutical Union Executive for eighteen years, and was its chairman, 1943–44. A past-president, Chemists Federation; a member and a past chairman, Central N.H.S. (Chemist Contractors) Committee; a member, Pharmaceutical Whitley Council, Staff Side, Committee A; a member, Joint Pricing Committee for England since its inception; a member, West Riding Executive Council; secretary, West Riding Pharmaceutical Committee; and a past chairman, Leeds Branch of the Society.

POLICY: If re-elected I will continue to work for the good of pharmacy in general.

HINCKS, M. JANET

CHIEF pharmacist, Upton Hospital, Slough, Bucks. Apprenticed to Wands, Ltd., Leicester, and Charles Reid, Eton. Qualified 1936, from the College of the Pharmaceutical Society. Pharmacist to Mr. J. Downing, Highgate, London, N.6. Has held present post since 1943. Past chairman, treasurer and secretary, Slough Branch, Pharmaceutical Society; a member, Buckinghamshire Pharmaceutical Committee and London Branch, Guild of Public Pharmacists; secretary, North-west Metropolitan Region Hospital Pharmacists' Association.

POLICY: I have always advocated prudent procedure. That necessitates patient perseverance, willingness to adapt an original idea, or admit temporary defeat, while at the same time asking for and, if thought fit, accepting the advice of others. Having done that one cheerfully puts up with the best obtainable at the time, reverting to further improvements when opportunity offers. A lively curiosity is essential whether the topic under discussion is financial, educational, ethical or just 100 per cent. retail. I promise you I possess that interest and I offer to work with and for you on your Council.

HOLLAND, K.

DIRECTOR, Macarthys, Ltd., and Macarthys (Wholesale Chemists), Ltd., Romford, Essex. Qualified 1938, served in 1939–45 war. A representative of Pharmaceutical Specialities (May & Baker), Ltd., 1946–49. Treasurer, Romford Branch, Pharmaceutical Society, 1950–52, and chairman of the Branch 1954–55.

POLICY: High academic standards must be maintained and the period of practical training should be taken prior to graduation. A register of those holding a lower standard than that required for membership is highly undesirable. Election to Fellowship must be made genuinely possible for all members, irrespective of domicile or occupation. Pharmacy is indivisible. In the interests of all, the hospital pharmacist's status must be improved. The distribution of drugs in the forces should be under the control of pharmacists and I strongly advocate a new approach to the chiefs of the armed services by the Council. Lastly, I think that the Society's "public relations" require a drastic overhaul in order to ensure a better appreciation of pharmacy by the general public.

HUGHES, GWILYM H.

PROPRIETOR pharmacist. Has been a member of the Council for past eight years and has served as chairman, Organisation Committee. Qualified 1922. A past chairman, Anglesey, Caernarvonshire and Colwyn Bay Branch, Pharmaceutical Society; a member, National Pharmaceutical Union Executive and of the Joint Pricing Committee for Wales. An alderman of the Colwyn Bay Borough Council, an ex-mayor and at present deputy mayor. He is chairman of the board of governors of the Colwyn Bay Grammar School.

POLICY: It has always been my constant aim to work for the betterment of pharmacy and if re-elected I shall continue my efforts.

ISLIP, MARY C.

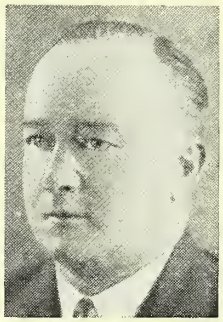
CHIEF pharmacist, Paddington Green Children's Hospital, London, since 1933. A member of the Society's Council, 1945–55. During that time served on Ethical, Finance, Organisation, Public Services, Establishment and Publications Committees. Chairman, Harrow Branch, Pharmaceutical Society. Past-president and a present member of council, Guild of Public Pharmacists; past-president and former employment secretary, National Association of Women Pharmacists.

POLICY: My aims for pharmacy are a progressive educational policy to fit the pharmacist for the ever-increasing demands of medical science; high standards of accommodation, equipment, staffing and service wherever pharmacy is practised; a satisfactory pharmaceutical service in H.M. Forces; and liaison and co-operation between headquarters and the branches, and other organisations in pharmacy. During the past year, as chairman of my Branch, I have seen clearly some of the difficulties now facing pharmacy and I hope that I may be able to help in solving some of them.

PARK, W. A.

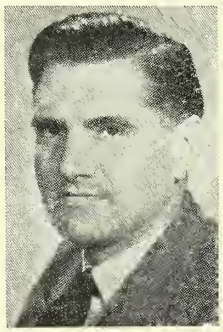
CHAIRMAN, Executive of the Scottish Department of the Pharmaceutical Society. Senior managing director of Davidson & Kay, Ltd., Aberdeen. Apprenticed with the late Mr. William Watt, Aberdeen. Qualified 1922. Chairman and past vice-chairman and treasurer, Aberdeen and North-eastern Scottish Branch, Pharmaceutical Society; treasurer, local committee of the British Pharmaceutical Conference, Aberdeen, 1955.

POLICY: In presenting myself as a candidate for election to the Council, I do so in a sincere desire to serve pharmacy. I believe that pharmacy must develop professionally and that the pharmacist must develop his professional status. To help that, an educational policy that will adequately equip the pharmacist for his duties is necessary, so that, because of the professional services given, the profession will gain in stature. I would accordingly support any schemes designed for that purpose



Mr. J. Farrer Barnes

Mr. T. C. N. Booth



Mr. K. Holland

Mr. Gwilym H. Hughes

as also such schemes that would help and assist the pharmacist in any practical way for the discharge of his duties. The development of branches and an increased support for the Benevolent Fund would also have my active support. Those expressions of policy have resulted from a considerable experience in retail pharmacy and developed from my association with the Scottish Department, through which medium I have learned much of pharmaceutical administration and knowledge of pharmaceutical problems.

STEINMAN, H.

PROPRIETOR pharmacist. President, Pharmaceutical Society. Member of Council since 1947. A past chairman, National Pharmaceutical Union Executive and of the Central N.H.S. (Chemist Contractors) Committee; a director, Chemists' Defence Association, Ltd., Chemists' Mutual Insurance Co., Ltd., and Chemists' Sickness and Provident Society; past-president, Manchester Pharmaceutical Association and past chairman of its Junior Branch; past chairman, Manchester and Salford Branches of the Pharmaceutical Society and the National Pharmaceutical Union; chairman, Manchester Pharmaceutical Committee; a member, Manchester Executive Council and of the management committee of the Executive Councils' Association.

POLICY: My main preoccupation has always been the steady advancement of the individual pharmacist and the profession of pharmacy. If I am re-elected that will still be my main purpose in the future.

STEVENS, C. C.

APPRENTICED in York, qualified from Leeds University, 1934. Held managerial retail posts in Yorkshire, Oxford and Birmingham until the early days of the 1939–45 war. Served with the Intelligence Corps. Graduated B.L., London University, 1946. After de-

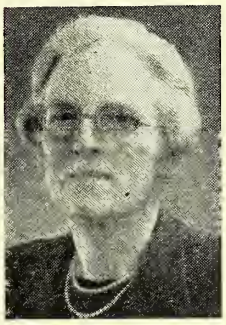
Mr. E. A. Brocklehurst

Miss M. A. Burr

Mr. A. R. G. Chamings

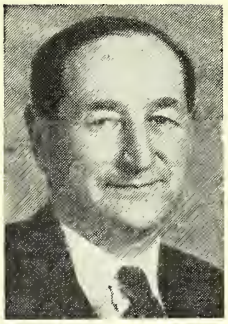
Mr. T. Heseltine

Miss M. J. Hincks


Miss M. C. Islip

Mr. W. A. Park

Mr. H. Steinman


Mr. C. C. Stevens

Mr. F. G. Wells

mobilisation, joined Glaxo Laboratories, Ltd., and since 1949 employed by Imperial Chemical (Pharmaceuticals), Ltd. A past secretary, Halifax Branch, Pharmaceutical Society; an associate member, International Pharmaceutical Federation; and vice-president, industrial pharmacists' section. A member of the Franco-British Pharmaceutical Commission; and vice-chairman, Macclesfield Hospital Management Committee.

POLICY: If elected I should devote myself to the best interests of pharmacists and particularly to the professional and commercial welfare of the individual pharmacist. Although the work of the National Pharmaceutical Union, which is the bulwark of retail pharmacy, should not be interfered with, the Council should use the statutory position of the Society to ensure that the retail pharmacist is no longer the worst paid professional man in the Health Service, and that he is not subjected to the degrading testing of his professional services by lay individuals. Efforts should be made to support the Guild of Public Pharmacists in obtaining more realistic remuneration and to ensure that the hospital pharmacist is a regional appointment, entitling him to approach management committees direct. I believe that the Council should give a lead on the question of hours of opening of retail pharmacies. I shall resist registration of assistants.

WELLS, F. G.

PROPRIETOR pharmacist. Member of Council since 1928; president, 1944; past chairman, West Middlesex Branch and of South-west London Chemists' Association; a member, Middlesex Pharmaceutical Committee and of Proprietary Articles Trade Association council; and a member, Unichem organising committee.

POLICY: I have always endeavoured to protect the interests of all branches of pharmacy, especially retail. As I am so actively engaged in that branch I claim some knowledge of the difficulties besetting it. I think that the Council concentrates too much on the degree course. I would prefer more attention given to the qualifying examination and would like to see apprenticeship taken before the final examination. I am in agreement with the Ethical Committee in its desire to uplift pharmacy but I hope it will not lose sight of the fact that there is a business side to the calling and that one cannot live by N.H.S. alone. Pharmacists must be allowed to compete on equal terms with other callings.

PROBLEM OF DIGITALIS ASSAY

Dr. G. E. Foster addresses Dartford Branch

AN address on "Digitalis," given to the Dartford Branch of the Pharmaceutical Society on March 27 by Dr. G. E. Foster (chief analyst, Wellcome Chemical Works, Dartford), was illustrated by lantern slides and a colour sound film "Foxgloves in Medicine." DR. FOSTER said that credit for introducing digitalis therapy into modern medicine must be ascribed to William Withering (1785). Despite vast research since then, the digitalis field remained a stronghold of the vegetable drug, and treatment of heart disease today still depended largely upon the use of digitalis and the naturally occurring glycosides obtained from it. Early progress in the field had depended upon biological standardisation, and biological assays were still used for the official standardisation of prepared digitalis and digitalis tincture, but lack of agreement between the results from independent laboratories had caused research workers to seek other methods. All the cardiac glycosides possessed similar structures: aglycones combined with sugars. By using reagents that attacked either the sugar or aglycone portion of the molecule, it had been possible to develop chemical assay procedures. Reagents such as 3:5 dinitrobenzoic acid, trinitrophenol and *m*-dinitrobenzene gave satisfactory results with the pure secondary glycosides such as digitoxin, gitoxin and digoxin, but their application to the assay of the crude drug was less satisfactory. Dr. Rowson (curator of the Society's museum) had found that, by using carefully standardised conditions he could, with samples of drug cultivated under his own supervision, get chemical results in good agreement with biological assays carried out on the same samples, but commercial samples sometimes gave poor agreement. Digitalis glycosides could be separated by paper partition chromatography using chloroform-methanol-water mixtures as solvents, and reagents prepared from trichloracetic acid or antimony trichloride for locating the spots. That technique had proved valuable in examining the crude drug. Even when the glycosidal constituents in a sample of drug or a tinctures were known, the biological activity could not be estimated with accuracy because of the potentiating and inhibiting influence of all the substances present on each other's activities. For that reason work on biological standardisation was continuing. The use of the electrocardiograph to study the cardiotonic effect of digitalis in experimental animals was affording interesting results and Mr. G. A. Stewart (Wellcome Laboratories) had developed a new assay using a right-ventricle strip electrically stimulated. That compared the cardiotonic and cardiotoxic potencies of digitalis.

DEBT OF CHEMISTRY TO MEDICINE

Sir Charles Dodds views an old subject from a new angle

IT was common to speak of the debt of medicine to chemistry, but the reverse was also true, said Sir Charles Dodds (Courtauld professor of biochemistry, Middlesex Hospital Medical School). Sir Charles was delivering the Pope Memorial lecture to the Royal Society of Arts in London on March 7.

Early Ties

The early history of chemistry, said Sir Charles, was closely tied up with that of medicine, as most of the chemists obtained their inspiration from pharmacy and from a study of drugs of natural origin. Many of the mediæval chemists actually practised some form of medicine. The first half of the nineteenth century was devoted mainly to studying the constitution of naturally occurring substances, of which drugs predominated, and the latter half of the century was devoted mainly to the synthesis of those naturally occurring substances. With the extension of the science of synthetic organic chemistry, it became possible to produce substances other than those that existed on the surface of the earth, and the science of what one might term "pure" or theoretical synthetic organic chemistry was studied. The stimulus of some of the newly discovered substances in the animal body, and in the realm of microbiology, had stimulated the organic chemist to greater efforts than his own imagination would ever have done. Therefore medical science had added a good deal to the subject of organic chemistry.

An example was provided by the chemical substances secreted by the cortex of the suprarenal gland.

The period between 1920 and 1930 saw great developments in the knowledge of the structure of cholesterol and allied substances, and by 1930 the structure of cholesterol was agreed upon by all interested research workers. The constitutions of the sex hormones, oestrone, progesterone and testosterone were elucidated. The lipoidal nature of the cortex of the suprarenals led to a detailed study of the substances present. About fifty had been isolated and identified, the two most important being corticosterone and dehydrocorticosterone.

Another group of workers at the Mayo Clinic had been investigating the clinical history and nature of rheumatoid arthritis. Their researches showed that, after three injections of 100 mgm. per day of "compound E," one of the substances isolated from the suprarenal cortex, a miraculous reversal of the symptoms of rheumatoid arthritis occurred. In that discovery was an apparent method of almost curing, or at least greatly improving, that distressing condition, which was responsible for the greatest loss of man-hours in industry, yet compound E or Cortisone, as it was now known, was so scarce as to be literally unobtainable.

The problem was eventually solved by starting with deoxycholic acid, a substance obtained from slaughterhouse bile. Amongst other groupings that compound possessed a hydroxyl group in the 12-position. By synthetic methods it was possible to move that from the 12 to the 11 position and also to build the rest of the molecule so that cortisone resulted. The process, which took over thirty stages, was the one by which cortisone was produced until comparatively recently. That, surely, must represent one of the greatest triumphs of organic chemistry applied to the fine chemical industry.

The demonstration of the antirheumatic qualities of cortisone led to an intensive research into other starting materials for the synthesis, and there were a number of new ones. One that was used extensively in Britain was a sterol present in sisal waste, namely hecogenin.

The organic chemist, not content with producing cortisone, had introduced a number of variants of interest from the clinical point of view. Cortisone and dehydrocortisone were now used extensively in the treatment of a number of conditions known as the collagen diseases, among them rheumatoid arthritis and the hitherto fatal lupus erythematosus diffusus. Two other new compounds, prednisone and prednisolone, were receiving attention from the clinicians. Those substances were stated to be many times more active than cortisone. Another development was a series of compounds with a fluorine atom in the 9α-position. 9α-Fluorocortisone was of great use in the treatment of certain conditions (e.g., Addison's disease).

Researches that Medicine Prompted

It was obvious, therefore that the original medical observation had caused a great deal of pure chemical research, resulting in a great increase of knowledge. Many more examples could be given outside the hormone field. Another fascinating development in recent years—the antibiotics—had provided the chemist with a new series of compounds which could never have been conjured up out of any purely theoretical or pure approach *via* synthetic organic chemistry. The introduction of penicillin had changed the whole face of medicine. Diseases hitherto regarded as incurable were now dismissed by a few injections, and diseases that had been a scourge to humanity had been relegated almost to footnotes in textbooks. The social implications of the antibiotic remedies were great. The whole structure of society would be altered by them. One outcome was an accumulation of more and more people at the latter end of the span of life. In the future the population would be overburdened with elderly people, who presumably would depend on the younger for their support. Great as was the medical and bacteriological interest in penicillin its chemistry was even more fascinating. No amount of pure speculation, even by the most imaginative of organic chemists, could have evolved such a structure. Even more elaborate were the compound streptomycin and its derivative aureomycin. Those represented an entirely new type of organic compound. They had been obtained through the study of organisms obtained from soil.

Another interesting compound was chloramphenicol, the first in nature in which a para-nitro group had been found attached to a benzene ring. From the medical standpoint chloramphenicol was unlike the other antibiotics—it attacked infective agents which were approaching the size of viruses.

Another series of examples was provided by the vitamins. The organic chemist had had little interest in organic compounds containing cobalt, and even the most erudite would probably not have thought of making a substance with anything like the complexity of formula of vitamin B_{12}. That substance had proved of the greatest interest in blood disease and nutritional disorders.

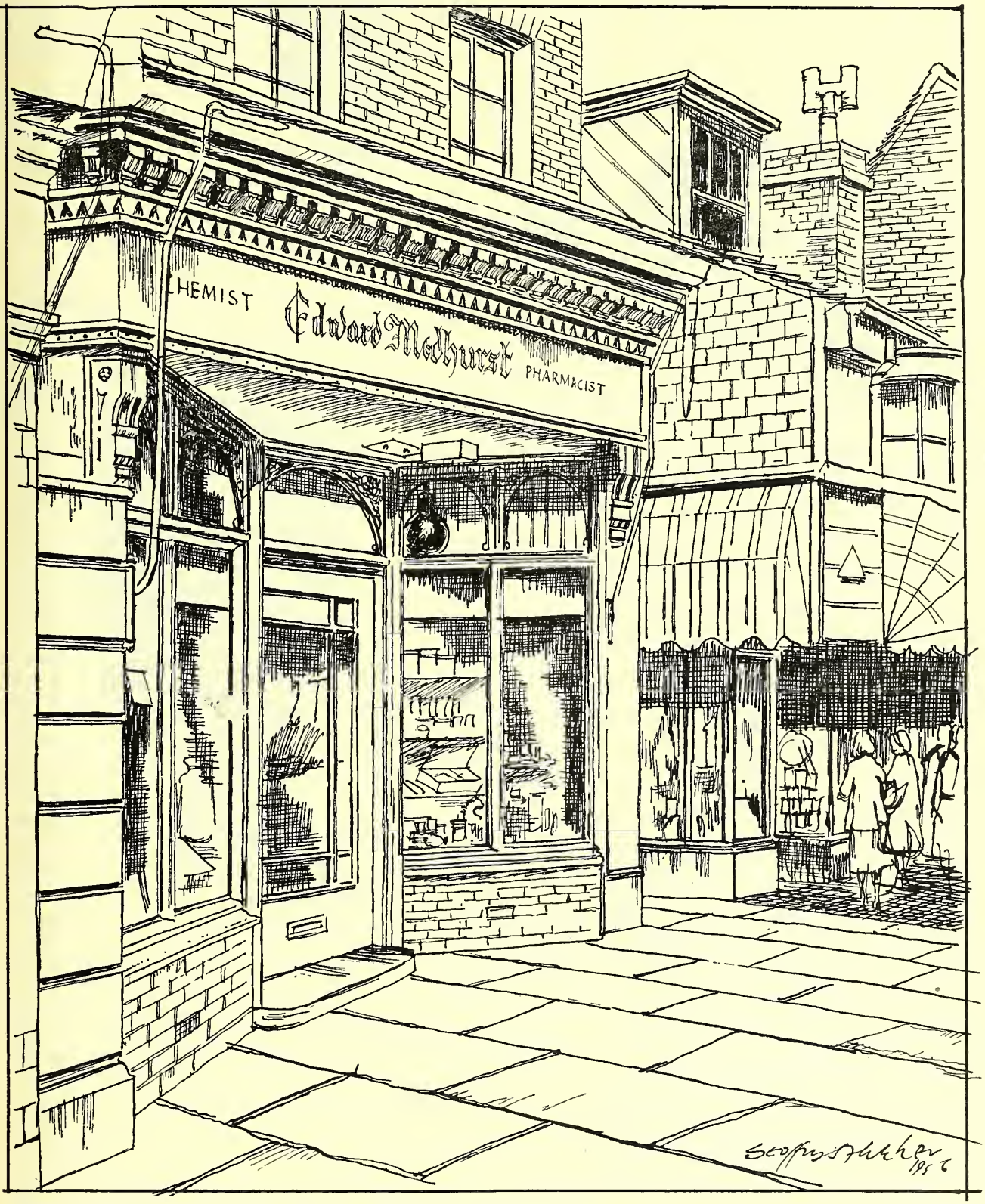
RESEARCH IN 1954-55

THE report for 1954–55 of the National Research and Development Corporation has been published. In a review of projects initiated during previous years, the production of hecogenin from sisal is mentioned. The report states that the enterprise has been transferred to industrial firms engaged in the industry on satisfactory commercial terms and that royalties derived from the sale of hecogenin should be a useful source of revenue to the Corporation in the future. Cortisone is being commercially produced from the hecogenin now available.

New development projects referred to include a technique devised by Drs. G. Pontecorvo, F.R.S., and J. A. Roper (department of genetics, Glasgow University) whereby it is possible to synthesise new strains of non-sexually reproducing micro-organisms. The technique involves crossing strains containing some preferred genetically-controlled properties, and results in the production of new strains combining the desired properties of both parent strains. The application of the technique is hoped to be of value to industries in the microbiological field (including antibiotics). The Corporation has arranged to finance research and development work on the application of the invention.

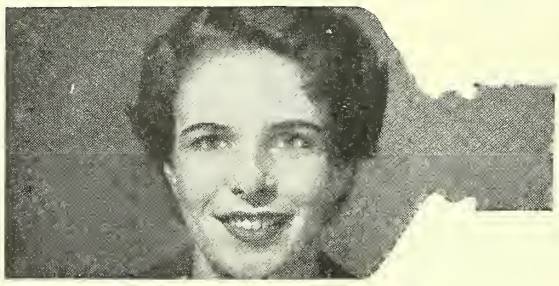
Mention is also made of the discovery by Professor R. L. Wain (Wye College) that certain phenoxybutyric acid derivatives are powerful herbicides yet relatively non-toxic to, for example, clover, a valuable crop hitherto sensitive to so-called hormone weed-killers. The rights in several patent applications have been assigned to the Corporation by the Agricultural Research Council. One United Kingdom company has, under licence, marketed a weed-killer preparation of that type on an experimental scale, and there are prospects that such substances will be marketed on a much larger scale next season. Possible large-scale overseas applications are being tested through the Agricultural Research Council.

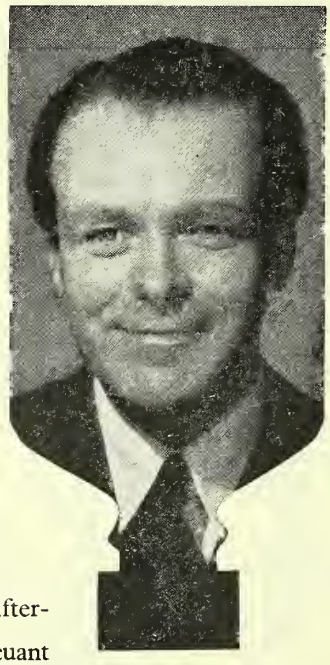
PHARMACIES OF BRITAIN—45



THE PHARMACY OF EDWARD MEDHURST, REIGATE

REIGATE, Surrey, has still some shops of character in its main street, and among them is the attractive pharmacy of Mr. Edward Medhurst. In the main, it dates back to a century ago or slightly earlier. The shop has a fine cornice with richly carved consoles, and the windows are arched at the top, with ornamented spandrils. A final touch of distinction is given by the woodwork, which is painted black, with gold lettering.





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For Retailer, Wholesaler and Manufacturer

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TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

Pensions for Proprietor Pharmacists

PROPRIETOR pharmacists are included among the nearly two million self-employed people who will benefit from the tax concessions on retirement benefits announced recently by Mr. Harold Macmillan (Chancellor of the Exchequer) in his first Budget. His proposal is to give full income-tax relief on premiums paid for annuities, so that people who make provision for their own retirement will be treated for tax purposes in exactly the same way as employed persons contributing to a superannuation scheme that has had Inland Revenue approval.

Under the present system, such contributions are free of tax, but no such provision has operated for the benefit of the self-employed person who, if he took out an endowment policy with the idea of using the proceeds to buy an annuity when the time came for retirement, could only get a partial rebate on the premiums, the annuity itself being subject to tax. If such a person purchased a deferred annuity, he could not claim tax relief on the premiums. The scheme outlined in the Budget will bring a measure of social justice to a class of people who have been badly hit with taxation in recent years, and who have only been able to make provision for retirement as a result of great financial sacrifice. Under the new scheme, which is to be incorporated in the Finance Bill yet to be published, the whole of the premiums paid for an annuity will be free from tax so long as they do not exceed 10 per cent. of the taxpayer's earned income (limit £500).

Thus the Government has accepted in part the recommendations of the Millard Tucker Committee set up in 1950 to investigate the taxation treatment of provisions for retirement. The Committee reported in February 1954. It recommended standardising the income-tax treatment of pensions schemes, extending tax concessions to persons excluded by age and other reasons from pensions schemes and people for whom no schemes —or only inadequate ones—existed.

The Millard Tucker Committee also recommended that alterations should be made in the method of taxing annuities. In this connection it is noteworthy that, in the Budget, the Chancellor has announced that only the interest content of an annuity, as distinct from the return of capital content, shall in future rank for tax purposes. That is a major concession. For hitherto the whole of an annuity payment has been liable to tax and in consequence that method of providing for retirement has not proved attractive to the self-employed.

Overseas Trade in March

MARCH was a fairly good month for U.K. exports of drugs and medicinal preparations. As they were valued at almost £3·2 millions, the total for the first three months of the year now stands at £9,189,582, against £9,114,373 in the corresponding period of 1955.

For the second month in succession India displaced Australia as the largest buyer of medicines and drugs. Her purchases, at £298,404, compare with £310,916 in March 1955 and with Australia's £287,433 (£312,452 in March 1955). An examination of the accompanying table shows that most of the items in March were valued at around the levels established in recent months.

Imports of medicinal preparations, at £879,000, were also higher during March, bringing the total for the first quarter of the year to £2·3 millions. Total exports in March were valued at £271·3 millions, exceeding by nearly £3·5 millions the previous highest monthly total recorded in October 1955. In the first quarter of 1956 the average monthly value of exports was over 4 per cent. higher than in the corresponding period of 1955, and 6½ per cent. higher than the rate for 1955 as a whole. Imports amounted to £330·2 millions, and re-exports to £13·3 millions. Excess of imports (c.i.f.), over exports and re-exports (f.o.b.), was £45·5 millions.

EXPORTS	VALUE
	£
Drugs, medicines, medicinal preparations (total)	3,199,391
Vitamins	314,918
Penicillin salts	99,801
Penicillin injection	57,245
Penicillin tablets, ointments, etc.	42,446
Antibiotics other than penicillin	309,859
Quinine	11,038
Alkaloids, excluding quinine	91,111
Aspirin	114,749
Antihistamines	52,958
Antipaludics	93,021
Barbiturates	53,407
Liver extracts	17,714
Ointments and liniments	110,586
Insulin	42,606
Sulphonamides	156,673
Proprietary medicines	944,463
Unclassified	633,529
Glycerin	52,945
Acetone	21,903
Citric acid	32,052
Salicylates	17,464
Perfumery and toilet preparations	
Lipstick, face powder, etc.	287,856
Dentifrices	148,038
Toilet soaps	203,542
Synthetic detergents	679,377

IMPORTS	VALUE
Vitamins	121,282
Antibiotics	14,465
Alkaloids	126,101
Proprietary medicines	46,375
Unclassified medicines	570,635
Borax	99,019
Iodine	94,226
Menthol	5,582
Essential oils	
Bergamot	31,054
Citronella	16,543
Clove	8,847
Lemon	83,001
Orange	18,239
Peppermint	82,774
Geranium	36,841
Unclassified	279,652

Onward from Galen

A CURRENT CAUSERIE

THE achievements of the chemical industry continue to impress. In order of importance it is now the fourth exporting industry, and of its total production, now three times pre-war, about a third goes overseas. In other words, the industry now exports each year as much as its pre-war annual production. What is specially remarkable is that that volume is attained after satisfying the Government's request that it should concentrate on meeting the home demands of other industries. The industry has shown confidence in itself, too, by organising at the London section of the British Industries Fair, now open at Olympia, the Fair's biggest-ever chemical section. By contrast the Government's action in announcing, even before the section opened, that it was not again going to offer financial support to the Fair, looked like pusillanimity. Surely it could have withheld its decision until after the 1956 event had ended. Alternatively, having made up its mind, could it not have postponed announcing that fact until after May 4? The company that was formed to organise the London sections has every right to think that it has been shabbily treated.

★

"LET me down lightly tomorrow morning." Who said that? Was it the plea of a first offender cooling his heels behind bars? Or of an inadequately prepared student trying to escape the wrath of his mentor? In point of fact, neither. The request was addressed by a member of the staff of the School of Pharmacy, London University, to one of those who would form his relentless audience during the first period the next morning. No doubt a certain irony may be assumed in the remark, which was addressed to Mr. Tony Roberts (president of the Students' Union at the School) at a party given by the Union on March 15, but it may at least be taken as evidence of a high degree of cordiality between the students, post-graduate research students and staff. I was surprised to find the company still predominantly male, having been assured frequently, and from many different sources, in the past few months that the percentage of girl students enrolling for pharmacy courses had increased considerably. However, the varied and appetising savouries set out on the table testified that the feminine members made up for their numerical inferiority with a high degree of craftsmanship. That was not the only skill in evidence. Some of the students displayed a facility in compounding and presenting a cocktail that presages well for their ability, one day, to convert customers below par with "morning-after" syndrome into satisfied patrons and contented citizens.

THE IRONY OF IT. 1

MIDWINTER : "Can I interest you in sun specs ?"
Sketch by VEL

★

AMONG the stories recounted of Benjamin Franklin during the celebrations in February of the 250th anniversary of his birth, the American *Science Digest* referred to his having been the first man to introduce plaster of paris into America. To him, gypsum, or "land plaster," as he called it, was of interest not as an immobiliser of limbs but as a soil conditioner; it has the property of adding calcium to the soil without altering its acidity. His manner of attracting the attention of the American public to that fact had characteristic *panache,* and might even commend itself to modern advertisers, though some would perhaps condemn it as unethical. He sowed some gypsum on a hillside crop of clover, in such a way that, when the crop ripened, the green clover spelt out sharply against the sparser growth surrounding it the proud words: "Land Plaster Used Here. Ben Franklin."

STOCKPORT'S GROUP PHARMACY : Like Sheffield, Stockport has its group pharmacy, at which patients can get their N.H.S. prescriptions dispensed up to 9.30 p.m. each evening. As the right-hand illustration shows, the service is well used. Stockport Associated Chemists, Ltd., the company formed to run the pharmacy, achieved the remarkable result of a slight profit on the first year's working—a stimulus, surely, to chemists in other areas who may be "hovering on the brink of a decision to set up a group pharmacy."

AN ENGLISH PHARMACIST IN CANADA

1. Complying with the Formalities

By Hugh Green

HAVING disposed of my pharmacy in England I was faced with the alternatives of looking for another or of getting away for a period. I thought I was at the right age to make a complete change. My children, at eight and four, would not be affected too much by any break in their schooling. My wife was completely happy about the upheaval of letting the house, packing, and living somewhere else for a year.

As we had a sister in Toronto we decided to try and spend the year in Canada and the United States. I hope to show, in a short series of articles, how that was done and how, in fact, an English pharmacist would fare in those two countries.

Canadian Arrangements the Simpler

The Canadian arrangements proved to be much simpler and easier to make than the American. The basic essentials were that the entrant should be a British citizen of good health and good character, and should have sufficient means to maintain himself until employed. As my family and I were not emigrating in the true sense of the word, we could not apply to have funds transferred to Canada or America. We were able to obtain from a close relation in Canada a letter saying that he was able to provide accommodation and was willing to assist us, and we were then permitted to take a basic allowance of £35 each. As, when in Canada, I intended to work, as opposed to merely going on holiday, it was still necessary for me to complete the normal immigration papers for myself, my wife and two children.

The Canadian documents were the normal forms asking routine and general questions about age, occupation, and intended occupation in Canada. The American forms were more searching, and in fact provided a documentary history from the age of fourteen onwards, including war-service particulars.

I had received from Canada literature giving information on pharmacy in that country. In general, it seemed virtually impossible to obtain registration as a pharmacist in any of the Provinces. Just how difficult it would be is indicated in a note I have before me from the registrar of the British Columbia Pharmaceutical Association, which states that, before one can become a registered pharmacist there, one must be on the Provincial Voters' List. Before one can comply with that requirement one must be a Canadian citizen. However, it did appear advisable to make application in each area we were going to visit. For some reason the Province of Newfoundland offers no information on the practice of the pharmaceutical profession in that territory.

As I was going first to Toronto in Ontario, I paid particular attention to regulations in that Province. They seemed to hold out some hope of a reciprocal arrangement, but the wording was so diplomatically vague that it was obvious the best thing I could do was to wait until I got there. For practical purposes it was clear from the start that during my stay I could only work as a qualified assistant.

Meanwhile I had booked a provisional passage for the four of us on the *Queen Mary* for March 7. We had first to appear before the Canadian emigration department near Hyde Park for a medical examination. No appointment is necessary for that purpose, a resident medical staff being at one's disposal at all normal times. We found, however, that the best time—that is the least crowded time—was early in the morning. So one morning at 9 o'clock sharp we presented ourselves.

The children were exempt from *x*-ray screening, and we were advised that they should not accompany us to the screening room because of the possible effects of radiation. We ourselves adjourned after the *x*-ray to an anteroom to await results, which appeared in about thirty minutes. They were quite in order, and we were called into the office of one of the medical examiners. We all went in together, and were asked the usual medical questions: had we had any infectious diseases, children's illnesses, or any serious operations? The medical examination was cursory. Unless there was something radically wrong there was no likelihood of "failing" it. So far as the Canadians were concerned there was nothing more to do.

Our own doctor, meanwhile, had vaccinated us. The results on myself were rather surprising, as I had been vaccinated several times in the Army but had never had a "take." This time a beautiful scar formed on my arm.

During all this period the American visa department had been sending in forms. As fast as we filled in one batch another set was forwarded, but at last we received notification that all our papers were in order and had been tentatively approved. I must emphasise that the formalities were exacting to that extent only because I wanted to work in the country. We were informed that we would have to present ourselves at the department on two consecutive days: the first for a "medical" and the second for finger-printing and an interview with the consul.

The medical examination followed the pattern of the Canadian "medical" and appeared to be quite casual. The only essential difference was that men and women went to separate medical departments for examination. The following day was the most interesting. Never having had my finger-prints taken before, I was amazed to see how clearly every whorl appeared on the card. It took nearly two hours to complete the rest of the documentation. An American vice-consul gave us our last "vetting" before actually issuing the visa. Everyone had been most kind and helpful throughout.

So here I am with pharmacy sold, house let, all documents in order and nothing but the grey Atlantic Ocean between me and being an English pharmacist in Canada.

VARNISHED LIES

By J. J. Hayton

THE drawer that's labelled "Stupa Opt."
No longer houses tow,
The "Leeches" jar with dust is stopped
—Not worms, but fungi, grow.

The drug-run is a living lie,
The specie jar is spent,
Where live the "Patents H and I"
The label reads "Rad. Gent."

The fading names in black and gold
Of non-existent salves
Proclaim the pins for perming cold
—And bottle teats and valves.

Taraxacum and orris root
And coriander seed,
—Such names the drawers' contents refute
For those who stop to read.

Inspectors seeing "Strychni Sem."
Might well be on their guard,
But there within, their wrath to stem,
Lies our Insurance card.

ONE banner with a strange device
From lying's almost free
—The drawer marked "Grains of Paradise"
Is where we keep the tea!

AMERICAN APPROVED REMEDIES

Products accepted by the American Medical Association's Council on Pharmacy and Chemistry for inclusion in its list of "New and Non-official Remedies":—

RAUWOLFIA.—The powdered whole root of *Rauwolfia serpentina*. (E. R. Squibb & Sons, Division of Olin Mathieson Chemical Corporation.)

CHLORAMPHENICOL PALMITATE. — *d*-(—) Threo - 1 - (*p* - nitrophenyl) - 2 - dichloroacetamido - 1,3 - propanediol 3 - palmitate. (Parke, Davis & Co.)

SODIUM DIPROTRIZOATE.—Sodium 3,5-dipropionamido-2,4,6-triiodobenzoate. The drug is employed as a contrast medium for intravenous (excretory) urography. (Mallinskrodt Chemical Works.)

OXTRIPHYLLINE.—Choline theophyllinate. Oxtriphylline is a theophylline compound that produces the mild diuretic, myocardial stimulating, vasodilator, and bronchodilator actions of similar xanthine derivatives. (Nepera Chemical Co. (Choledyl)).

TRICYCLAMOL METHYLSULPHATE. — 1-Cyclohexyl-1-phenyl-3-pyrrolidino-1-propanol dimethylsulphate. The drug is an anticholinergic agent qualitatively similar in action to other drugs of that class. (Eli Lilly & Co. (Elorine methylsulphate)).

DIMETHICONE.—A silicone oil consisting of dimethylsiloxane polymers and technically designated as dimethylpolysiloxane of the D. C. 200 series of fluids. Dimethicone is useful for incorporation into ointment bases as a skin protective agent. (Arnar-Stone Laboratories, Inc.)

PROTOVERATRINE A AND B MALEATES.—The maleate of a mixture of two alkaloids, each isolated by appropriate means from *Veratrum album*. The chemical structure of the two alkaloids has not been established. Protoveratrine A and B maleates have the same actions and uses as the parent esters, protoveratrines A and B. (Eli Lilly & Co.)

POTASSIUM AMINOSALICYLATE.—The drug shares the action and use of the parent drug, aminosalicylic acid and its other salts in the chemotherapy of tuberculosis. There is some evidence that the potassium salt may cause less gastric intolerance than the acid or sodium salt. It can be used in place of the sodium salt for patients required to restrict their sodium intake. (Glenwood Laboratories, Inc. and Eli Lilly & Co.)

ACETAZOLAMIDE. — 5-Acetamido-1,3,4-thiadiazole-2-sulphonamide. The drug has been employed as a diuretic in the treatment of œdema associated with congestive heart failure. Unlike most mercurials, it is well tolerated when given by the oral route, but its diuretic action is not as rapid or as dramatic as that observed after organic mercurial therapy. (Lederle Laboratories Division, American Cyanamid Co. (Diamox.)).

ACETAZOLAMIDE SODIUM. — More soluble than the parent drug and may therefore be administered parenterally.

WILLS

MR. G. W. BAILEY, F.R.S.A., M.P.S., 3 Westlode Street, Spalding, Lincs, left £10,912 (£10,858 net). He left £100 to the Benevolent Fund of the Pharmaceutical Society.

MISS A. T. BORROWMAN, F.P.S., 17 The Pavement, Clapham, London, S.W.4 (a director, Deane & Co., Chemists, Ltd.), left £10,909 (£10,226 net). Probate has been granted to Sir Hugh N. Linstead (a secretary of the Pharmaceutical Society) and Mr. J. M. Rowson (curator of the Society's museum). She left her property upon trust to pay £6 per week for life to her sister and the excess income, and after the death of her sister the capital and income, upon trust for furthering research in pharmaceutical or allied subjects, or for such purpose connected with the development of pharmaceutical education as her trustees decide.

GUIDE TO NEW MEDICAMENTS

Information about proprietary products supplied principally on prescription. Reprints on perforated gummed paper for affixing to index cards are obtainable.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (April 28, 1956)

TEBAFEN

MANUFACTURER: Geigy Pharmaceutical Co., Ltd., Rhodes, Middleton, Manchester.

DESCRIPTION: Tablets, each containing isonicotinic acid hydrazide (isoniazid), 40 mgm., and nicotinaldehyde thiosemicarbazone, 10 mgm.

INDICATIONS: Tuberculosis.

DOSAGE: 5 mgm. Tebafen per kilo body weight daily.

HOW SUPPLIED: In containers of 100 and 1,000 tablets.

FIRST ISSUED: November 14, 1955.

REFERENCES: Hirsch, *Wien. klin. Wschr.*, 1954. **66.** 463. Tuczek and Saupe, *Munch. med. Wschr.*, 1954. **96.** 858. Kossmann, *Tuberkulosearzt*, 1954. **8.** 479.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (April 28, 1956)

STREPTETS

MANUFACTURER: John Wyeth & Bro., Ltd., Clifton House, Euston Road, London, N.W.1.

DESCRIPTION: A hard boiled sweet, individually wrapped, containing zinc bacitracin, 50 international units; polymyxin B sulphate, 500 units (60 microgm. approximately); neomycin sulphate, 1 mgm.

INDICATIONS: Therapy of superficial mouth or throat lesions caused by organisms responsible for the majority of such infections.

DOSAGE: One troche dissolved in the mouth every two hours until the symptoms have subsided for forty-eight hours.

HOW SUPPLIED: In bottle of twenty.

FIRST ISSUED: November 21, 1955.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (April 28, 1956)

EUFLAT

MANUFACTURER: Serumwerk, Basle, Switzerland.

DISTRIBUTOR: Unichem, Ltd., Broadwater Road, London, S.W.17.

DESCRIPTION: Tablets, each containing papaverine, 0·02 gm.; angelica root, 0·02 gm.; aloe, 0·005 gm.; pancreas extract, 0·05 gm.; gall extract, 0·004 gm.; carbonised coffee, 0·075 gm.

INDICATIONS: Disturbance of the secretory functions of the intestinal tract, gastro-cardial complex symptoms, cholecystopathy. Constipation, flatulence, fermentative and putrefactive dyspepsia. Heart and circulation diseases, kidney insufficiency, gout, etc.

DOSAGE: 1–2 tablets three times daily after meals for several weeks.

HOW SUPPLIED: In pack of thirty tablets.

FIRST ISSUED: December 14, 1955.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (April 28, 1956)

CORTRIL Aqueous Suspension

MANUFACTURER: Pfizer, Ltd., 137 Sandgate Road, Folkestone, Kent.

DESCRIPTION: An aqueous saline suspension containing 25 mgm. hydrocortisone acetate per mil for intra-articular injection.

INDICATIONS: For injection into a rheumatoid—or osteo—arthritic joint or bursa, especially when only one or two peripheral joints are affected by the arthritis. It may be used where cortisone or corticotrophin is contra-indicated. It should not be used in cases of specific infective arthritides.

DOSAGE: Depends largely on the size of the joint. For the knee, the normal dose is 25 mgm., which may be increased to 37·5 mgm. if insufficient response is noted. For smaller joints 10–15 mgm. may be sufficient. The injections may be repeated regularly, preferably at weekly intervals; but severely inflamed joints must be injected every few days.

HOW SUPPLIED: In vial of 5 mils.

FIRST ISSUED: December 5, 1955.

NOTE: The suspension should not be refrigerated.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (April 28, 1956)

TYROTRACE

MANUFACTURER: Merck-Sharp & Dohme, Ltd., West Hill Laboratories, Hertford Road, Hoddesdon, Herts.

DESCRIPTION: A skin ointment containing bacitracin, 500 units and tyrothricin, 500 microgm. in a petroleum jelly base.

INDICATIONS: Pyogenic dermatoses and other skin conditions.

DOSAGE: As prescribed.

HOW SUPPLIED: In ½-oz. tube.

FIRST ISSUED: November 11, 1955.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (April 28, 1956)

PRELUDIN

MANUFACTURER: Pfizer, Ltd., 137 Sandgate Road, Folkestone, Kent.

DESCRIPTION: Tablets, each containing 25 mgm. Preludin (2-phenyl-3-methyl-tetrahydro-1,4 oxazine hydrochloride).

INDICATIONS: For the control of appetite in the treatment of obesity.

DOSAGE: 1 tablet half an hour before breakfast and 1 tablet half an hour before the mid-day meal. That dosage may be varied to suit individual preferences but the last tablet should not normally be taken after 3 p.m.

HOW SUPPLIED: In tube of twenty and bottle of 250 tablets.

FIRST ISSUED: November 7, 1955.

REFERENCES: Berneike. *Med. Klin.*, 1955. **12.** 25.

NOTE: Preludin's LD 50 is three to five times larger than that of amphetamine and it lacks many of the side-effects normally encountered in therapeutic agents prescribed for obesity. It is safe even in patients with cardio-vascular disorders or hypertension.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (April 28, 1956)

PIRITON* Maleate Injection

MANUFACTURER: Allen & Hanburys, Ltd., Bethnal Green, London, E.2.

DESCRIPTION: A sterile solution containing 10 mgm. per c.c. of Piriton (chlorpheniramine) maleate for parenteral antihistaminic therapy.

INDICATIONS: Prophylaxis and treatment of allergic disorders, particularly in penicillin and other drug reactions and in blood transfusion reactions.

DOSAGE: 10–20 mgm. (1–2 c.c.) by slow intravenous, intramuscular, or subcutaneous injection.

HOW SUPPLIED: In boxes containing five and 100 1-c.c. ampoules.

FIRST ISSUED: November 1955.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (April 28, 1956)

PIRITON* Maleate Tablets

MANUFACTURER: Allen & Hanburys, Ltd., Bethnal Green, London, E.2.

DESCRIPTION: Each tablet contains 4 mgm. Piriton (chlorpheniramine) maleate.

INDICATIONS: Treatment of all allergic disorders amenable to antihistamine therapy.

DOSAGE: *Adults*, ½–1 tablet; *Children*, ¼–½ tablet; the dose to be repeated three or four times daily.

HOW SUPPLIED: In bottles of twenty-five and 500 tablets.

FIRST ISSUED: November 1955.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (April 28, 1956)

PIRITON* Expectorant Linctus

MANUFACTURER: Allen & Hanburys, Ltd., Bethnal Green, London, E.2.

DESCRIPTION: Each teaspoonful contains:—Piriton (chlorpheniramine) maleate, 2 mgm.; ammonium chloride, B.P., 100 mgm.; sodium citrate, 44 mgm.

INDICATIONS: In cough therapy whenever an expectorant is indicated.

DOSAGE: *Adults*, 1–2 teaspoonfuls three or four times daily; *Children*, up to 1 teaspoonful.

HOW SUPPLIED: In bottles of 4 fl. oz. and 2 litres.

FIRST ISSUED: November 1955.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (April 28, 1956)

*Cross reference for card index:

CHLORPHENIRAMINE: See Piriton.

WORLD TRADE

Chilean Free Exchange Rate System.—The new free exchange rate system decreed on April 14 came into effect on April 20. Rates fixed by the Central Bank for this week are as follows: £1 Sterling, 1,372 pesos; one U.S. dollar, 490 pesos. Importers now have to deposit with the Central Bank, in Chilean currency, a guarantee which varies between 50 and 200 per cent. of the value of goods being imported, according to category. When the foreign currency, equivalent to the value of the imported goods, has been paid to the Bank and customs duties and other expenses have also been paid, the Bank will return the guarantee money to the importer.

Swiss Chemical Plant for Brazil. — A plant for the production of dyestuffs and pharmaceutical products is to be set up near Rio de Janeiro by the Swiss chemical firms Sandoz, A.G., Ciba, A.G., and J. R. Geigy, A.G., Basle. Construction work on the new plant is beginning in the near future. Making the announcement at the annual meeting of Sandoz, Dr. A. Stolle (a director) said the decision reflected the desire of foreign countries to attain self-sufficiency in the production of chemicals. In order to safeguard its position on world market, the Swiss chemicals industry was forced not only to expand and modernise its existing plants abroad but to set up new ones.

U.S. Turpentine-resin Sales. — While overall trading in United States resin was slightly better in March, exports fell by 35 per cent. compared with February. Production was affected by the cold weather but the use of some unknown quantity of stored gum from previous months may help to boost the total. In March, export sales of resin dropped to 4,931 drums, or 2,631 less than in February and 304 below March 1955. Sales of turpentine leapt to 280,515 gall., an increase of 90,000 on February and 42,365 more than during March a year ago. Free stocks were adequate with the spring demand yet to develop. Export sales in March were lower at 83 drums against 110 in the previous month.

American Interest in Italy.—American Home Products, New York, has organised a subsidiary in Italy known as Wyeth S.p.A., to manufacture and sell "ethical" drug products in Italy, using formulas, processes and trade marks owned or controlled by the parent company. The American drug firm is investing $240,000 to provide capital for the Italian subsidiary, acquiring the stock of the Italian firm. The United States Government will reimburse American Home Products, up to a maximum of $300,000, for losses incurred if the investment property should be expropriated during the next twenty years. Under another guarantee, if the American firm should be unable to convert receipts from the Italian investment into dollars through normal foreign exchange channels, the U.S. Government will provide the dollar exchange, up to a maximum of $475,000. The convertibility protection will begin in 1959 and will remain in force for a period of seventeen years.

HOSPITAL PHARMACY FORUM

RADIOACTIVE DRUGS AND THE PHARMACIST

IT is axiomatic that no class of medicinal substances is outside the purview of the pharmacist. His job is to understand and be able to handle any substance that may be required in the treatment of disease. That is not to say that every pharmacist will in fact be called upon to handle every substance. He must by education and training be capable of doing so. The importance of maintaining that position was brought home in 1941, when penicillin began to be available in hospitals. It was a new substance, impure and unstable, and requiring a technique in handling that was not common at the time. The opinion was expressed by one eminent bacteriologist that it should not be handled in the pharmacy but in the bacteriological laboratory. Such a view was obviously based on ignorance of the extent to which pharmacists are trained in bacteriology and aseptic techniques, and time has shown that, as with any other substance, the proper place for that substance is the pharmacy.

It appears that a similar situation may again present itself to us in connection with radioactive materials. In recent years there has been an increasing use of isotopes of iodine, phosphorus, gold and chromium in medical treatments and diagnosis. Those substances are prepared at the Radiochemical Centre at Amersham and distributed to approved hospitals and other centres under the ægis of the Medical Research Council. Iodine is the most commonly used of those substances, and normally it is issued as sodium iodide. Considerable care is necessary to avoid injury to personnel handling the materials. The danger can, of course, be exaggerated, but it is nevertheless real. Precautions are necessary, for example, to ensure that the patient's excreta are not discharged into public sewers until their radioactivity has decayed to a safe level. For that reason it is unlikely that radioactive substances will be used outside the hospital, and until now the person responsible for the receipt, care and issue of them has usually been the physicist. So far, little preparation of the materials has been necessary, since they arrive as solutions standardised and ready for use. How soon more elaborate pharmaceutical preparation may be called for is not known. It is important, however, that hospital pharmacists should be familiar with the materials and their methods of assay and dosage, so as to be ready to take their proper place in the therapeutic team. For that reason it is encouraging to note that, at its April meeting, the Council of the Pharmaceutical Society addressed itself to the problem and set up a committee to consider preparing a film and providing courses of instruction.

Correspondence

Not Aaron—Moses

SIR,—The reference in your editorial, p. 299, to "Aaron being allowed a glimpse of the Promised Land" is incorrect. It was Moses—Deuteronomy, chapter 34, verses 1 to 4.

Luton, Beds STANLEY HIBBERT

Years of Service

SIR,—In your report of the dinner given to long-service personnel by Allen & Hanburys, Ltd. (*C. & D.*, April 21, p. 286) you referred to the total ages, instead of the total *service*, of veteran employees as 11,200 years. In view of the challenge made to any other drug manufacturing company to better that record, publication of this correction will be appreciated.

ALLEN & HANBURYS, LTD.,
Bethnal Green B. E. KENT

"Dossy" Foggan

SIR,—It occurs to me that some of your readers may wish to be associated with a memorial to Mr. Doswell (Dossy) Foggan that is being established by the governors of the Newcastle-on-Tyne hospitals. The memorial is the subject of a recent announcement in the *Newcastle Journal*. Mr. Foggan spent the whole of his life in the service of the Royal Victoria Infirmary. He died in November 1954. "Dossy" was held in high esteem, not only for his ability as a pharmacist, but for his co-operation with everybody connected with the hospital. The form of the memorial has not yet been finally determined but the board have in mind the possibility of placing a silver cross or other ornament in St. Luke's Chapel in the infirmary. The estimated amount required for the memorial is £250. Friends of Mr. Foggan who wish to contribute should send their donations to Dr. A. W. Sanderson, House Governor and Secretary, Royal Victoria Infirmary, Newcastle-on-Tyne. Cheques should be marked "Foggan Memorial Fund."

Liverpool, 19 N. A. HERDMAN

Alan Ware Memorial

SIR,—The Plymouth Branch of the Pharmaceutical Society has decided to inaugurate a memorial fund to the memory of the late Mr. Alan H. Ware (first principal of the school of pharmacy at Plymouth). Members of the Branch feel sure that many pharmacists and pharmaceutical organisations would wish to contribute to the fund. What form the memorial will take has not been decided. Obviously it depends largely on the amount subscribed. May I, therefore, on behalf of the Branch, appeal for subscriptions?

A. G. MERVYN MADGE, *Secretary*
P.C.S. Pharmacy Office,
Vauxhall Street, Plymouth

Students of 1896

SIR,—My son, Dr. Underwood (medical officer for R. Rowntree & Co., Ltd., York) has sent me the illustration published in the *C. & D.*, August 20, 1955, p. 202, of students at Muter's College (1901). I thought you might be interested to see a similar group taken about five years earlier (in 1896). In the photograph I am seen sitting on the wall at the back. It is just sixty years since I passed the examination. I am now in my eighty-second year. In my time at the College there was only one lady student (Miss Ford). I expect she was too modest to be taken in the group. On Doctor Muter's left in the photo is his father, who I believe, helped the doctor in his work as borough analyst. On his right is Mr. Dodd (lecturer in pharmacy). Neither appears in the later photograph you reproduced last August.

Ipswich A. H. UNDERWOOD

Staff and students of Muter's College, London, 1896.

1956 SALES WINNER

YOUR CUSTOMERS WILL

KNOW the Ronson Shaver. Powerful advertising is now punching home Ronson's message all over the country.

WANT the Ronson Shaver. They'll have read about its tremendous advantages, its reasonable price.

SEE the Ronson Shaver. Top-class display material for your window and counter will catch their eye—*and* their interest.

TRY the Ronson Shaver—in your shop if you encourage them—and don't forget the 14-day free trial scheme!

AND REMEMBER

Ronson's special bonus scheme is open till April 30th! Don't delay! Take advantage of this wonderful offer NOW.

STOCK, DISPLAY DEMONSTRATE AND YOU'LL *SELL!*

Ronson Electric Shaver

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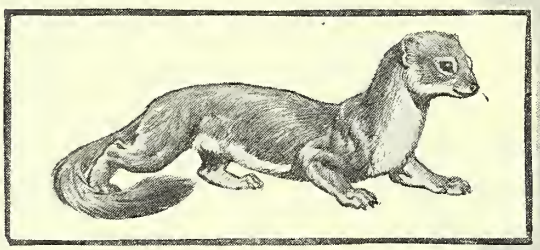
Nature's defences...

...FOR ANIMALS

Nature's defences are so predictable. For the Stoat she provides a change of coat. It's fur, in summer a reddish brown above and white beneath, changes in the winter of northern latitudes to snowy whiteness to camouflage it from its enemies. It is then called an ermine. This colour change is induced in Nature by the decreasing light in autumn. The same effect can be brought about out of season by artificial light variations.



...FOR HUMANS

Nature also provides predictable defences for man. In one of these—TERRAMYCIN, a broad-spectrum antibiotic derived from a tiny wrinkled mould found in the soil—she has provided man's most predictable means of defence against microbial attack. Effective in more than 100 infections, TERRAMYCIN with its rapid anti-microbial action and fewer side effects ensures a more positive defence against more organisms than any other anti-infective agent.

TABLETS · ORAL SUSPENSION · PAEDIATRIC DROPS · TROCHES · INTRAMUSCULAR INJECTION · INTRAVENOUS INJECTION OINTMENT *topical and ophthalmic* **· OTIC SOLUTION NASAL SOLUTION · TOPICAL POWDER SOLUBLE TABLETS · VAGINAL TABLETS**

Terramycin*

TERRAMYCIN* SF* (combined Terramycin and specific nutrients) is available to fortify the patient and, at the same time, to fight the infection.

Pfizer **WORLD'S LARGEST PRODUCER OF ANTIBIOTICS**

PFIZER LTD., FOLKESTONE, KENT

** Trade Mark Chas. Pfizer & Co. Inc.*

TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, APRIL 25: Little activity was displayed in the CRUDE DRUGS and ESSENTIAL OILS markets during the week. Inquiry was mainly confined to commodities that were in short supply whilst other items such as LIQUORICE ROOT and IPECACUANHA were neglected.

Holders of BUCHU were inclined to shade their prices a little but any general demand would, it was thought, soon reverse the trend. Meanwhile, the position of Cape ALOES was unchanged with shipment offers difficult to obtain. Curaçao ALOES were similarly affected. Aleppy green CARDAMOMS and GUM ACACIA were slightly dearer at origin. Brazilian MENTHOL displayed a firmer tone with the origin quoting one shilling higher per lb.; Chinese material, however, did not follow. PEPPER prices declined still further as heavy arrivals in Singapore from Indonesia coincided with a slackening in world demand. TURMERIC was also easier on the week's trading. Among AROMATIC SEEDS, FENNEL was firm at 95s. per cwt. for spot material. STYRAX was unobtainable on the spot in sizeable quantities.

In PHARMACEUTICAL CHEMICALS, CALCIUM LACTATE and CALCIUM SODIUM LACTATE were increased by twopence and one penny per lb., respectively. MERCURY DERIVATIVES were lower by varying amounts, the AMMONIATED being 3s. lower at 60s. per kilo (50-kilo lots).

In the ESSENTIAL OILS market, oils of European origin continue to show a firmer trend. ROSEMARY was threepence and THYME sixpence per lb. dearer whilst Bourbon GERANIUM advanced a further 10s. per lb. Chinese PEPPERMINT was firmer by 2s. per lb. on the spot bringing it more into line with the replacement value. LEMONGRASS was threepence per lb. up per shipment. Oils quoted lower per lb. on the spot were ANISE (by three-halfpence), BOIS DE ROSE (by sixpence). CLOVE LEAF (threepence) and PALMAROSA (5s.). CASSIA for shipment was cut by sixpence.

Pharmaceutical Chemicals

ACETIC ANHYDRIDE. — Rates (per ton) delivered in U.K. in returnable drums range from £121 for 10 tons to £126 for single 90-gall. drum lots.

AMPHETAMINE. — Prices (per kilo) for 25-kilo lots are as follows:—BASE 160s.; SULPHATE, 130s.; *d*-amphetamine, 550s.

BISMUTH SALTS.—The following are the prices (per lb.) in largest bulk packages:—

	1-cwt.		28-lb.		7-lb.	
	s.	d.	s.	d.	s.	d
CARBONATE ...	23	5	23	8	27	6
SALICYLATE ...	22	6	22	9	26	5
SUBGALLATE ...	21	8	21	11	25	5
SUBNITRATE ...	20	11	21	2	24	7

2-cwt. lots are 3d. per lb. less than the 1-cwt. rates. The present 1-cwt. rates for other salts are:—CITRATE, B.P.C., 22s. 8d.; NITRATE, crystal, 14s. 8d. OXIDE, B.P.C., 27s. 7d.; OXYCHLORIDE, B.P., 27s. 9d.; OXYIODOGALLATE, B.P.C., 28s. 9d. and TRIBROMPHENATE, B.P.C., 26s. 9d.

BROMIDES. — POTASSIUM, B.P. crystals in 5-cwt. lots are 2s. 11½d. per lb.; 1-cwt., 3s. 0½d. per lb. Powder is 1½d. per lb. more. AMMONIUM is 3s. 1d. per lb. in 5-cwt. lots and SODIUM, 2s. 10½d. per lb.

CALCIUM CARBONATE. — B.P. light-precipitated powder is £27 10s. per ton, ex store. Minimum 1-ton lots.

CALCIUM SUCCINATE. — Quotations are from 10s. 6d. to 12s. 6d. per lb., as to quantity. SUCCINIC ACID is from 10s. 6d. to 12s. 3d. per lb.

CARBROMAL. — B.P.C. is 21s. per lb. delivered in returnable packing.

CHLOROXYLENOL.—B.P. quality is 5s. 9d. per lb. for 1-cwt. lots, and 5s. 7d. for 10-cwt.

CITRIC ACID.—Quotations (per cwt.) for domestic material are 205s. for 1-4 cwt. lots and 200s. for 5-cwt. lots.

CREOSOTE.—B.P. quality ex beechwood, is from 6s. 9d. to 7s. 6d. per lb.

CRESOL.—Price of B.P. quality from distillers is 7s. 9d. per gall. in 5-gall. lots.

ERGOTOXINE ETHANESULPHONATE. — Price per gm. for B.P.C. (1949) is : 1 gm., 168s. 9d.; 10 gm., 155s. 3d.

FERROUS GLUCONATE.—B.P.C. is 6s. 6d. per lb. in 1-cwt. lots.

FORMALDEHYDE. — B.P. solution is 37s. 3d. per cwt. for 4-cwt. lots including free drums.

HEXAMINE.—B.P. is 1s. 11½d. per lb. for 1-ton lots, delivered in 1-cwt. kegs (1s. 11d. in paper bags). Technical is one penny per lb. under those rates.

HYDROQUINONE.—Quotations for 1-cwt. lots are 10s. 6d. per lb. For smaller quantities, viz., 28-lb., 10s. 9d.; 14-lb., 11s. 6d.; 7-lb., 12s.

ISOPRENALINE SULPHATE.—B.P. is 1s. per gm. for 1,000-gm. lots and 1s. 6d. per gm. for 100-gm. lots.

IODINE.—Resublimed is 17s. 1d. per lb. in 1-cwt. lots. Minimum delivered rate for CRUDE is 22s. 10d. per kilo.

LACTATES.—CALCIUM, B.P. is 2s. 9d. per lb. in 5-cwt. lots and 2s. 10d. in 1-cwt. lots. CALCIUM SODIUM for similar quantities is 4s. 5d. and 4s. 6d. per lb.

LITHIUM SALTS. — Current minimum rates (5-cwt.) are as follows:—BENZOATE, 11s. per lb.; CARBONATE, B.P.C., 11s. 3d.; CHLORIDE (commercial), 10s. 9d. to 11s.; HYDROXIDE, 9s. 9d.; CITRATE, B.P.C., 9s. SULPHATE, 8s. 6d.; SALICYLATE, 9s. 9d.; (10-cwt.), delivered.

MERCURY DERIVATIVES.—Lower. Quotations (per kilo) for 50-kilo lots are as follows:—AMMONIATED, B.P., lump or powder, 60s.; PERCHLORIDE, B.P., powder, 53s. 6d. and lump 54s.; SUBCHLORIDE (calomel) B.P., 61s. 9d.; OXIDES, B.P.C., levigated or yellow, B.P., 65s. 6d.

METHOIN.—B.P. is about 120s. per lb.

OPIATES.—Home trade rates for 4-oz. up to 7-oz. lots including container (non-returnable) are as follows:—CODEINE.—alkaloid, hydrobromide, iodide, 58s. 6d. per oz. (2,063s. per kilo); hydrochloride, sulphate, 51s. 3d. (1,808s.); phosphate, 44s. 9d. (1,578s.). DIAMORPHINE.—Alkaloid, 60s. 3d. per oz. (2,125s. per kilo); hydrochloride, 54s. 9d. (1,931s.). ETHYLMORPHINE.—Alkaloids, 63s. per oz. (2,222s. per kilo); hydrochloride, 53s. 9d. (1,896s.). MORPHINE. — Alkaloid, bimeconate, tartrate, 60s. 6d. per oz. (2,134s. per kilo); acetate, hydrochloride, sulphate, hydrobromide, 50s. 3d. (1,773s.).—Subject to D.D.A. Regulations.

PHOSPHORIC ACID. — B.P. (s.g. 1·750) is quoted at 1s. 4d. per lb. in 10-carboy lots. 1–2 carboys, 1s. 8d. per lb. B.P. 1914 is quoted from 1s. 2d. to 1s. 6d. per lb. HYPOPHOSPHOROUS, B.P.C., in winchesters is from 5s. 9d. to 6s. 10½d. per lb., as to quantity.

POTASH SULPHURATED.—B.P.C. lump is 2s. 3d. per lb. for 1-cwt. lots.

POTASSIUM BICARBONATE. — B.P. powder is 110s. per cwt. for 1–4-cwt. lots and 105s. per cwt. for 5-cwt. and over.

SALICIN.—Price quoted is 18s. 6d. per oz.

SALOL.—Quotations for B.P.C. are about 9s. per lb. for 1-cwt. lots.

SILVER SALTS. — NITRATE in 1,000-oz. lots the price is 4s. 4d. per oz.; PROTEIN is unchanged at from 36s. 3d. to 42s. 9d. per lb. and VITELLIN, from 68s. 6d. to 76s. 6d. per lb., as to quantity.

SODIUM PERBORATE. — Prices (per cwt.) are 145s. 9d. in 1-cwt. kegs; 138s. 3d. in 1-cwt. bags for B.P.C. (minimum 10 per cent. available oxygen). Other strengths *pro rata*. The PERBORATE MONOHYDRATE testing 15 per cent. available oxygen is 309s. 9d. per cwt.

THEOBROMINE. — Alkaloid is 28s. 6d. per lb. for 1-cwt. lots and the SODIUM SALICYLATE, 19s. 3d. per lb.

THYMOL.—Prices (per lb.) are 17s. 9d. for 28-lb. and 17s. 3d. for 1-cwt. lots.

Crude Drugs

AGAR.—*Kobé* No. 1 is from 12s. per lb., duty paid and 9s. 9d., c.i.f.

ALOES.—Prime Cape for shipment is 330s., c.i.f., nominal. Curaçao is 350s. per cwt., spot.

ANISEED (STAR).—Chinese is offered at 142s. 6d. per cwt., duty paid and 125s., c.i.f., for shipment.

ANTIMONY. — English 99·6 per cent. is £222 10s.; 99 per cent., £210 per ton.

ASAFŒTIDA.—Persian block is scarce on the spot with prices nominal.

BALSAMS.—Quotations (per lb.) are:—*Canada:* Spot offers are 21s. *Copaiba*, soluble, 8s. to 10s., duty paid. *Peru*, 9s. 6d., duty paid and for shipment at 8s. 6d., c.i.f. *Tolu* (genuine as imported) is 27s.; B.P. is 17s. 6d., spot.

BENZOIN.—Sumatra block on the spot is from £25 to £30 per cwt. No. 1 for shipment is £24 5s., c.i.f. Almonds, 15s. per lb., c.i.f.

BISMUTH METAL. — Minimum rate is 16s. per lb.

BUCHU. — A parcel afloat is offered at 7s. per lb., c.i.f.; spot, 7s. 4d.

CAPSICUMS.—East African on stalk are 150s. per cwt. on the spot.

CARDAMOMS.—Aleppy greens for shipment are firmer at 14s. per lb., c.i.f., and spot, 14s. 6d.

CASCARA SAGRADA.—American 1954 peel is offered at 257s. 6d. per cwt., duty paid.

CHAMOMILE. — Belgian flowers are 5s. 3d. per lb. on the spot.

CHERRY BARK. — Thin natural is from 1s. 6½d. per lb., duty paid, and rossed, 2s., on the spot.

CHILLIES. — Mombasa, spot 330s. per cwt., 300s., c.i.f.

CINCHONA. — Offers include Tanganyika chips testing 5·75 per cent. t.a. at 1s. 1d. per lb. and testing 6·97 per cent. t.a. at 1s. 6d. Other high testing material up to 2s.

COCHINEAL. — Black-brilliant is 32s. per lb. on the spot and silver-grey, 16s.

COCILLANA.—Bark is 2s. 6d. per lb. on the spot.

GINGER.—Firm. African is valued on the spot at 235s. per cwt., with shipment at 230s., c.i.f. Spot Jamaican No. 3 is 510s. New-crop, April–May shipment, 480s., c.i.f.

GUM ACACIA.—Kordofan cleaned sorts on the spot are 142s. 6d. per cwt. and shipment, 131s., c.i.f.

HENNA.—Indian is 70s. per cwt. on the spot.

HONEY.—Firm. Australian light-amber is 150s. and medium-amber, 140s.; Argentine material offered at 155s. Jamaican new-season is 150s. to 155s., all per cwt., on the spot.

HYDRASTIS.—Root is from 19s. per lb., on the spot.

IPECACUANHA.—Nicaraguan, 56s. per lb., c.i.f.; 57s. 6d. to 60s. spot, as to test. Colombian, 52s. spot, and 47s. 6d., c.i.f. Matto Grosso, 46s. 6d., c.i.f.

KARAYA.—No. 1 gum on the spot is now quoted at 295s. per cwt., and No. 2 at 255s.

KOLA NUTS. — Jamaican are offered at about 8d. per lb., spot.

LANOLIN. — In 1-ton lots the price of ANHYDROUS, B.P., is from 160s. to 165s. per cwt.; 5-cwt. lots from 162s. to 167s. per cwt. HYDROUS, B.P., is from 140s. to 142s. for similar quantities. All in drums, carriage paid, U.K.

LIQUORICE. — Quotations (per cwt.) for natural root are: Anatolian, 55s.; Russian, 42s. 6d.; Persian, 35s. Block juice is 200s. per cwt. for the Anatolian and 195s. for Chinese on the spot. Italian stick from 310s. to 475s. per cwt., duty paid.

MENTHOL. — Chinese, 42s. per lb. in bond and 44s., c.i.f. Brazilian, 40s., in bond; 39s., c.i.f.

NUTMEGS. — West Indian for shipment official prices, 3s. 3d. per lb. for wormy and broken; 4s. 7d. for sound unassorted, f.o.b. terms.

ORANGE PEEL. — West Indian bitter quarters are 11d. to 1s. per lb.

PAPAIN. — Spot value for East African grade one is about 20s. per lb. Ceylon brown is 14s. per lb., c.i.f. and spot.

PEPPER.—Decline continues. White Sarawak on spot is now at 2s. 3½d. per lb. and for April–May shipment, 2s. 2d., c.i.f. Black Sarawak is 2s. 1½d. per lb., spot and April–May shipment, 1s. 9d., c.i.f. Black Malabar is nominal at 270s. per cwt., spot and shipment, 247s. 6d., c.i.f., quoted.

QUASSIA. — Chips are 45s. per cwt: on the spot.

QUILLAIA. — Spot offers of bark are about 225s. per cwt. with shipment about 180s., c.i.f.

SARSAPARILLA.—Jamaican native red on the spot is 3s. 6d. per lb. and for shipment, 3s., c.i.f., nominal.

SEEDS.—(Per cwt.) ANISE.—Tunisian, 235s., in bond; Spanish, 262s. 6d., duty paid. CARAWAY.—Dutch offering at 147s. 6d., duty paid. CELERY.—Steady. Indian quoted at 140s., on spot. The shipment price is firm at 127s. 6d., c.i.f. CORIANDER.—Quiet. Spot. Moroccan are 95s., duty paid; Rumanian or Danubian, 62s. 6d., duty paid; Bulgarian smalls, 50s., duty paid. CUMIN.—Steady. Spot, Cyprian, 130s.; Moroccan, 135s., duty paid and Iranian, 125s., duty paid. DILL.—Sellers quoting 65s., spot. FENNEL.—Firm. Indian, 95s., spot; new-crop for prompt shipment, 122s. 6d., c.i.f. FENUGREEK.—Unchanged. Indian is 72s. 6d. and Moroccan, 72s., duty paid. MUSTARD.—English offering at 57s. 6d. to 70s. according to quality.

SENNA. — *Tinnevelly* LEAVES (per lb.). 1955 wet-crop Prime No. 1, 1s. 1½d.; prime No. 3, 7½d.; f.a.q., No. 3, 7d., spot; PODS, f.a.q., 6d., c.i.f. *Alexandrian* manufacturing pods, 1s. to 1s. 3d., spot; hand-picked are from 4s. 6d. to 6s. 9d. per lb. as to quality.

SHELLAC. — F.O.T.N., 260s. per cwt.; F.O. No. 1, 290s.; fine orange, 330s. to 390s.

TURMERIC.—Madras finger on the spot is 140s. per cwt. May–June shipment is quoted at 105s. c.if.

VALERIAN ROOT.—Indian on the spot is 14s. per cwt.

VANILLIN. — Rates (per lb.) are:—5-cwt. lots, 30s.; 1-cwt., 30s. 3d.; 56-lb., 30s. 6d.; smaller quantities, 30s. 9d.

WAXES. — BEES'.—Dar-es-Salaam, shipment, 570s., c.i.f., spot, 605s.; Sudanese, 600s., duty paid and 530s., c.i.f.; Abyssinian, spot 595s., duty paid; shipment, 535s., c.i.f. CANDELILLA.—Shipment, 430s. per cwt. landed; spot is scarce. CARNAUBA.—Fatty grey, spot, 450s. per cwt.; for shipment, 445s., c.i.f. Prime yellow, spot, 875s.; shipment, 860s., c.i.f.

WITCH HAZEL LEAVES.—Offers are 2s. per lb. on the spot.

Essential and Expressed Oils

ALMOND. — B.P. is 14s. per lb.

AMBER. — Rectified on the spot quoted at from 1s. 6d. per lb.

ANISE.—Chinese, 16s. 6d. per lb., spot; 15s. 9d., c.i.f.

BIRCH TAR.—Rectified is about 14s. per lb. in 1-cwt. lots.

BOIS DE ROSE.—Brazilian is 29s. 6d. per lb. on the spot and 27s. 6d., c.i.f.

CAMPHOR, WHITE. — Chinese is 2s. per lb., duty paid.

CARDAMOM. — Price per lb. is from 360s. for English distilled and from 265s. to 295s. for imported.

CASSIA. — Original drums are about 13s. 9d. per lb. on the spot. Shipment, 13s. 3d., c.i.f.

CINNAMON. — From quillings, English-distilled is quoted at 30s. per oz. Other B.P. oils available down to 90s. per lb. Ceylon leaf, 11s. per lb., spot.

CITRONELLA.—Ceylon, 6s. 1½d. per lb. spot; shipment, 6s. 3d., c.i.f. Formosa spot, 13s., in bond; May-June shipment, 12s. 3d., c.i.f. Java, 12s. 3d., c.i.f.

CLOVE.—Madagascar leaf is 9s. 3d. per lb., duty paid and 7s. 10d., c.i.f., for shipment. Rectified 87–88 per cent., 14s.; distilled bud oil, English, from 35s.; imported, 17s. 6d.

COD-LIVER.—B.P. is 11s. 6d. per gall. in charged returnable drums. Veterinary is from 9s. 6d. per gall.

DILL. — B.P. English-distilled oil is quoted at 60s. per lb. Imported oils are from 33s. 6d. per lb.

EUCALYPTUS.—Australian 70 to 75 per cent. eucalyptol on the spot is 5s. 8d. per lb.; 80 to 85 per cent., 6s. 4d. Spanish 70 to 75 per cent. at 5s. 6d., duty paid. Chinese type, 5s., duty paid.

FENNEL.—Spanish sweet on the spot is quoted from 12s. per lb. with Russian at 18s. 6d.

GERANIUM.—Bourbon is from 97s. 6d. per lb. on the spot and Algerian, 72s. 6d.

JUNIPER BERRY. — Imported oils are quoted from 15s. 6d. per lb., duty paid. English-distilled is now 155s.

LAVANDIN.—Spot is from 12s. to 15s. per lb. as to quality, for original drums.

LAVENDER. — B.P. French oil, 38–40 per cent. linalol on the spot is available at 73s. 6d. per lb. with 40–42 at 78s. 6d. Best Grasse for shipment is nominally 100s., c.i.f.

LEMON.—Prices of B.P. oil (4 per cent. citral) vary greatly on the spot according to quality and range between 25s. and 55s. per lb. Californian, 28s. 6d. to 43s. 7½d., c.i.f., as to quality, subject to licence.

LEMONGRASS. — Spot, 14s. 6d. per lb.; shipment, 14s., c.i.f.; new-crop, June–July, 12s. 6d., c.i.f.

NUTMEG.—Scarce with prices nominal.

ORANGE.—Spot quotations of sweet oil are from 4s. 6d. per lb. for Floridan to 12s. 6d. for West African. For shipment, proprietary brand Californian sweet is 6s. 1½d., c.i.f., and cold-pressed, U.S.P., 9s. 4d., c.i.f. Terpeneless is 210s. per lb., spot. Bitter orange oil is 20s. per lb.

ORIGANUM. — Sellers of 75 per cent. phenols at 13s. 6d. per lb.

OTTO OF ROSE.—Bulgarian is 450s. and Turkish, 190s. per oz.

PALMAROSA. — East Indian, 60s., spot; 56s. 6d., c.i.f.

PATCHOULI.—Penang is 44s., duty paid, and 36s. 6d., c.i.f.

PENNYROYAL. — Spot is quoted at 23s. 6d. per lb., duty paid.

PEPPERMINT.—*Arvensis:* Chinese is 33s. per lb. on the spot and 32s. 6d., c.i.f. Brazilian, 25s., spot and 22s. 6d., c.i.f. Italian "Mitcham"-type oil is from 70s., spot, and American, 42s. 6d. to 47s. 6d. English Mitcham, 190s. to 200s.

PETITGRAIN.—Paraguay, spot, 24s. 6d. to 25s. 6d. per lb., as to brand.

PIMENTO. — English-distilled berry is 180s. per lb., imported is 67s. 6d. Rectified leaf (imported), 27s. 6d. per lb.

PINE.—*Pumilionis* on the spot is from 16s. per lb.; *sylvestris,* 9s. Siberian (*abietis*), 12s. 6d.

ROSEMARY.—Spanish oil on the spot is from 5s. to 5s. 6d. per lb., duty paid, for drum lots, as to quality.

RUE.—Spot offers are from 15s. per lb.

SAGE. — Spanish is offered at from 8s. per lb.

SANDALWOOD. — Mysore is 92s. 6d. per lb. on the spot.

SASSAFRAS.—Brazilian is 5s. 6d. per lb. duty paid.

SPEARMINT. — Offers of U.S. oil for shipment are about 35s. 6d. per lb., c.i.f., with spot at 39s. 6d. Dutch quoted at 38s. 6d., duty paid, with Chinese offered at 27s. 6d.

TANGERINE.—Sicilian is from 36s. to 48s. per lb. on the spot; Californian is 15s.

THYME. — Spot is 9s. per lb. for the B.P.C.

VETIVERT.—Bourbon in original drums on the spot is 87s. per lb.

UNITED STATES REPORT

NEW YORK, APRIL 24: Japanese MENTHOL showed a further decline of 25 cents to $8·00 per lb. Higher per lb. among CRUDE DRUGS was Siamese GUM BENZOIN, No. 1, $6·25 per lb. (up 75 cents). VANILLA BEANS were also higher, with the Bourbons $6·00 (up 25 cents); Mexican cuts, $5·85 (up 10 cents); and whole Mexicans, $7·35 (also up 10 cents). BUCHU LEAVES gained 10 cents to $1·00 a lb. Lower per lb. were AGAR, *Kobé* No. 1, $1·95 (down 5 cents); SENEGA ROOT, $3·05 (down 30 cents); and COMFREY ROOT, 35 cents (down 5 cents).

There was a stiffening in tone noted in CITRUS OILS, especially in LIME OILS and California LEMON OIL. Lower per lb. among ESSENTIAL OILS were Formosan CITRONELLA, $2·00 (down 10 cents) and SANDALWOOD, $14·75 (down 25 cents).

ADVERTISEMENT AWARDS

IN the second Layton Award contest, in which a trophy and awards are given annually by C. & E. Layton, Ltd. (trade typesetters, etc.) for the best advertisement in each of a number of categories, the winners were announced on April 24. In Group C (cosmetics, toilet preparations, etc.) the successful advertising agency was Armstrong-Warden,

Ltd., London, with the Hudnut shampoo advertisement illustrated. In the competition as a whole there were 1,178 entries. The bases of the award are layout, illustration and typography.

PRINT & PUBLICITY

Advertising Campaigns

ALFRED FRANKS & BARTLETT CO., LTD., 226 Gray's Inn Road, London, W.C.1: Bartex sunglasses. In *Daily Express, Radio Times, Daily Mirror, Sunday Pictorial, News of the World.*

CLAY & ABRAHAM (MNFO.), LTD., 2 Upper Duke Street, Liverpool, 1: Susie's perfect dry cleaner. In *Woman's Weekly* (April, June 9, July 28), *My Home* (April, May, July), *Woman and Home* (May, June, August).

DELAVELLE (G.B.), LTD., 38 Orsman Road, London, N.1: Go stick deodorant. In national newspapers, women's leading magazines. Commencing May.

EVER READY CO. (GREAT BRITAIN), LTD., Hercules Place, Holloway, London, N.17: Photoflash aids. In photographic journals.

FASSETT & JOHNSON, LTD., 86 Clerkenwell Road, London, E.C.1: DABITOFF. In *Daily Express, Daily Herald, Daily Mirror, News of the World, People, Sunday Pictorial, Woman, Woman's Own, Woman's Weekly, Woman's Illustrated, Radio Times.* 5-DAY deodorant pads and sticks. In *Woman, Woman's Own, Daily Mail, Daily Mirror, Sunday Pictorial, Evening News, Evening Standard, Star, True Story, True Romance, She, Picturegoer.* PRESTOBAND. In *Radio Times.* QUICKIES. In *Woman, Woman's Own, Woman's Weekly, Woman's Illustrated, Modern Woman, Everywoman, Housewife, She, Woman and Beauty, Woman's Journal.*

THOMPSON & CAPPER WHOLESALE, LTD., Speke Hall Road, Liverpool, 19: Mothaks. In *Radio Times*, national, Sunday and leading provincial newspapers, and women's magazines.

Commercial Television

The following products are being advertised on the days stated:

MANCHESTER STATION

THURSDAY, May 3: Brylcreem (between 9 and 10 p.m.).

SATURDAY, May 5: Brylcreem (between 2.30 and 4.30 p.m.).

SUNDAY, May 6: Kolynos.

BIRMINGHAM STATION

SUNDAY, May 6: Knight's Castile soap (between 10 and 10.30 p.m.); Fynnon; Kolynos.

THURSDAY, May 10: Gibbs' S.R. tooth-paste (between 8 and 10 p.m.).

FRIDAY, May 11: Kodak film (between 8 and 10 p.m.).

SATURDAY, May 12: Silvikrin liquid shampoo.

LONDON STATION

SUNDAY, May 6. Max Factor beauty preparations (between 8 and 9 p.m.); Beecham's pills; Loxene medicated shampoo; Lux toilet soap (between 8 and 9.30 p.m.); Ajax; Kolynos; Brylcreem (between 8 and 9.30 p.m.).

THURSDAY, May 10: Gibbs' S.R. tooth-paste (between 8 and 10 p.m.).

FRIDAY, May 11: Kodak film (between 7.55 and 10.5 p.m.); Beecham's pills; Kolynos.

SATURDAY, May 12: Max Factor beauty preparations (between 8.30 and 9.30 p.m.); Silvikrin liquid shampoo.

Price Lists

ANGLO-FRENCH DRUG CO., LTD., 11 Guilford Street, London, W.C.1: Pharmaceutical Products, 1956. Pp. 4.

BAYER PRODUCTS, LTD., Neville House, Eden Street, Kingston-on-Thames, Surrey: Supplement, February. Pp. 1.

CIBA LABORATORIES, LTD., Horsham, Sussex. Trade. Pp. 8.

CUPAL, LTD., Blackburn, Lancs. Packed pharmaceutical specialities. Pp. 8.

EDWARD TAYLOR, LTD., Monton, Eccles, Manchester: Medical and surgical plasters. March. Pp. 48.

KODAK, LTD., Kodak House, Kingsway, London, W.C.2: Trade circular. March. Pp. 6.

PAINES & BYRNE, LTD., Perivale, Greenford, Middlesex: Short list. February. Pp. 6.

SANGERS, LTD., 258 Euston Road, London, N.W.1: Alterations and additions. February. Pp. 16.

TWIN CUT-OUTS: The pair of showcards for Euthymol tooth-paste illustrated are available either from representatives of Parke, Davis & Co., Ltd., Hounslow, Middlesex, or direct from the company. The reference number, 675, should be quoted.

PRESTIGE ADVERTISING: Permanent glazed (transparent plastic covered) showcard for C.F. products issued by the Chemists Federation. Head and foot bands are in gold lettered in black, with C.F. symbol in blue and other wording in red on a grey ground. The showcard, which hangs or stands, measures 9 x 6½ in.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Tuesday, May 1

NORTH LONDON PHARMACEUTICAL ASSOCIATION AND BRANCH, Beale's restaurant, Holloway Road, London, N.7, at 7.45 p.m. Annual meeting.

Wednesday, May 2

CAMBRIDGE AND HUNTINGDON BRANCH, PHARMACEUTICAL SOCIETY, Matthew's café, 14 Trinity Street, Cambridge, at 8 p.m. Annual meeting.

EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY, Horseshoe hotel, Tottenham Court Road, London, W.1, at 7.45 p.m. Meeting to be addressed by candidates for election to the Society's Council.

NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY, George Hotel, Nottingham, at 8 p.m. Mr. Charles Ahr on "The System of Payments for Medicines under the French Social Security Scheme."

Thursday, May 3

BEDFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, Luton and Dunstable Hospital at 7.45 p.m. Films evening.

BOURNEMOUTH BRANCH, PHARMACEUTICAL SOCIETY, Grand hotel, Bournemouth, at 7.30 p.m. Annual meeting.

INSTITUTE OF EXPORT, Caxton Hall, Westminster, London, S.W.1, at 6.15 p.m. Dr. C. M. Schmitthof on "Recent Developments in Export Trade Law."

NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Florence Nightingale Hall, Beeston Lane, Nottingham, at 9.15 a.m. Dr. Maurice Piette (Paris faculty of pharmacy) on "Hæmatology."

Friday, May 4

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION, Lambeth Town Hall, London, S.W.2, at 8 p.m. Annual meeting.

Advance Information

NATIONAL PHARMACEUTICAL UNION, Bedfordshire, Buckinghamshire, Cambridgeshire, Essex, Hertfordshire, Huntingdonshire, Middlesex, Norfolk, Suffolk and London (north of the Thames) area meeting at Southend-on-Sea on May 6. At 11 a.m., church service; at 12.30 p.m., luncheon; at 2.15, ladies' excursion; at 2.30, area meeting; at 4.30, tea; at 5, area meeting (continued).

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," April 11

For analgesic preparations in the form of creams (5)
ANAGLO, 748,843, by G. & M. Chemicals, Ltd., Rock Ferry, Ches.

For pharmaceutical preparations and substances for human and veterinary use (5)
SERPATONIL, by Ciba, Ltd., Basle, Switzerland.

For pharmaceutical, veterinary and sanitary substances; and disinfectants (5)
VALDISPERT, 749,332, by Kali-Chemie A.G., Hanover, Germany.

For razors, razor blades and cutlery (8)
ALLEGRO, 742,259, by Industrie A.G. Allegro, Emmenbrücke, Switzerland.

For optical apparatus for viewing film strips, and printed photographic films for use with it (9)
Device with the wording CORONET STEREOMASTER, 745,426, by Coronet, Ltd., Birmingham, 19

For photographic, cinematographic and optical apparatus and instruments, and parts (9)
AGIMATIC, 748,374, by Agilux, Ltd., Croydon, Surrey. KAGRA, 748,832, by Wallace Heaton, Ltd., London, W.1.

For surgical, medical, dental and veterinary instruments, and apparatus (10)
ALLEGRO, 742,260, by Industrie A.G. Allegro, Emmenbrücke, Switzerland.

For paper towels, paper table napkins and non-medicated paper toilet tissues (16)
Device with the word SCOTTISSUE, 737,573–74, by Scott Paper Co., Chester, Pennsylvania, U.S.A.

Paper and paper articles (16)
CELLUNAPS, 746,567, by Cellucotton Products, Ltd., London, N.W.5.

For hot-water bottles (21)
SLEEP-TITE, B749,289, by Hytex, Ltd., London, W.10.

For glucose and non-medicated preparations principally of glucose for use as food (30)
GLUCODIN, 746,532, by Glaxo Laboratories, Ltd., Greenford, Middlesex.

For agricultural, horticultural and forestry products (31)
GRISOVIN, 749,086, by Glaxo Laboratories, Ltd., Greenford, Middlesex.

For foodstuffs for animals and for poultry (31)
FURADINE, 749,192, by the Reeden Poultry Co., Ltd., Harrogate, Yorks.

From the "Trade Marks Journal," April 18

For inorganic chemical products for use in treating textile fibres during spinning (1)
SILIGEN, 739,838, by Badische Anilin- & Soda-Fabrik A.G., Ludwigshafen-on-Rhine, Germany.

For chemical products for use in detecting surface flaws in articles (1)
ZYGLO-PENTREX, 745,259, by Magnaflux Corporation, Chicago, U.S.A.

For filtering materials made of cellulose acetate (1)
OXOID, 745,538, by Oxo, Ltd., London, E.C.4.

For chemical preparations for addition to cement to delay its setting (1)
KEWRCEM, 748,395, by Berry Wiggins & Co., Ld., London, E.C.4.

For chemical substances for use in the manufacture of detergents (1)
DOBANE, 748,995, by Shell Petroleum Co., Ltd., London, E.C.3.

For fertilisers (1)
HUMACO, 748,566, by Lesme, Ltd., London, N.W.10.

For chemical products for use in industry (1)
MELGAN, 748,857, by Imperial Chemical Industries, Ltd., London, S.W.1.

For adhesives and chemical products for use in the manufacture of adhesives (1)
STYAD, 748,996, by Styrene Products, Ltd., London, W.1.

For pharmaceutical preparations containing glucose (5)
GLUCA-SPRIN, B745,722, by Archer Laboratories, Ltd., London, S.E.25.

For cleaning preparations incorporating chemical preparations which prevent laddering in textile fabrics (3)
CAN-CAN, 748,628, by Whitcroft Chemicals, Ltd., London, N.W.5.

For sheep dips (5)
GOLDEN FLEECE, 713,803, by Hygeia, Ltd., Galway, Eire.

For spasmolytic and anticholinergic preparations (5)
MARPLON, 739,100, by Roche Products, Ltd., Welwyn Garden City, Herts.

For medicated preparations for external application by rubbing (5)
MINIT-RUB, by Bristol-Myers Co., New York, U.S.A.

For dietetic preparations (5)
DI-LACTOFORT, 743,293, by Frank William Yeomans, Cape Town, South Africa.

For all goods but not including medicated confectionery, medicinal oils, infants' foods or invalids' foods or any goods of the same description as any of these excluded goods (5)
WHITE BEAR, 745,421, by O.K. Bazaars (1929), Ltd., Johannesburg, South Africa.

For all goods made of paper or of natural or synthetic textile materials (5)
CELLUVEL, CELLUKLEEN and CELLUSOL, 746,688-89 and 746,693, by Cellucotton Products, Ltd., London, N.W.5.

For non-medicated toilet preparations (3)
MEDICREME, 746,859, by Racasan, Ltd., Ellesmere Port, Ches. REHLANA, 748,512, by Rehlana Cosmetics, Wirral, Ches. LASHIQUE, 748,910, by Dorothy Gray, Ltd., London, S.W.20.

C. & D. WEEKLY LIST OF PRICES

A=Advanced; R=Reduced; I.R.P.=Inclusive Retail Price; *=Tax 30 per cent.; ‡=Tax 60 per cent.; †=Tax 90 per cent.

ALLEN & HANBURYS, LTD. (from April 23)

		Each	I.R.P.	
Calcydic tablets	50	2 0	3 0	A
	1,000	20 0	30 0	A
Ethnine	4 fl. oz.	2 7	3 10½	A
	2 litre	36 0	54 0	A
Eucortone	10 c.c.	32 0	48 0	A
Euvalerol A, B, M*				
	8 fl. oz.	4 7	8 3	A
	20 fl. oz.	10 6	18 11	A
	2 litre	32 0	57 7	A
Gelatin film	tube	10 0	15 0	A
Guanimycin		8 0	12 0	A
Hyperduric adrenaline				
	6 x 0·5 c.c.	2 9	4 1½	A
	100 x 0·5 c.c.	30 6	45 9	A
	6 x 1 c.c.	2 9	4 1½	A
	100 x 1 c.c.	30 6	45 9	A
	5-c.c. vial	2 1	3 1½	A
Hyperduric atropine				
	6 x 1 c.c.	3 0	4 6	A
	100 x 1 c.c.	33 9	50 7½	A
Hyperduric morphine ampoules ¼ gr. in 1 c.c.	6	3 8	5 6	A
	100	41 9	62 7½	A
½ gr. in 1 c.c.	6	4 4	6 6	A
	100	49 9	74 7½	A
	10-c.c. vial	5 2	7 10	A
Iodolysin tablets*	50	4 0	6 6½	A
	250	14 3	23 3½	A
Proctocaine*	6 x 2 c.c.	4 6	8 1	A
	6 x 5 c.c.	7 3	13 0½	A
	3 x 10 c.c.	7 0	12 7	A
Tradermin	2 gm.	6 6	9 9	A
	5 gm.	14 6	21 9	A
control jelly	2 gm.	1 9	2 7½	A
	5 gm.	3 0	4 6	A

COLGATE-PALMOLIVE, LTD. (from April 23)

Colgate lather shaving cream*	large tube	2 6	R

COUNTY LABORATORIES, LTD. (from May 1)

Vosene shampoo	1 9	A
	3 9	A

CRANBUX, LTD.

Odol solid dentifrice	1 1	A
chlorophyll dentifrice	1 1	A

B. HOOPER & CO., LTD.

		Doz.		
Ilox eye lotion*	large	28 0	4 0	
eye bath*		10 0		

(Not as stated in advertisement on another page.)

PARKE, DAVIS & CO., LTD. (from April 23)

Lertigon	5 c.c.	24 0	A
Tuberculin tablets, P.P.D., 10 tests, first strength dilution		17 0	A
second strength dilution		17 0	A

P.A.T.A. PROTECTED LIST

(Alterations notified this week by the Proprietary Articles Trade Association.)

J. L. BRAGG, LTD. (from May 1)

Charcoal, B.P.C., 1934:				
biscuits		25 7	2 9	A
		45 9	4 11	A
		86 0	9 3	A
lozenges	50	18 7	2 0	A
	100	32 6	3 6	A
tablets	50	12 5	1 4	A
	100	20 11	2 3	A
	250	46 6	5 0	A
powder		20 11	2 3	A
		37 3	4 0	A
granules		25 7	2 9	A
capsules	60	37 3	4 0	A
Kaomix kaolin and charcoal tablets*	100	20 11	2 9	A
Carbamaxa activated charcoal powder*		41 10	5 7	A
tablets*	75	23 3	3 1	A

W. B. CARTWRIGHT, LTD. (from May 1)
Quantity discounts on Moorland tablets, Penetrol inhalant, Urillac tablets, are replacing assorted parcel rates:—
2½ per cent. discount on orders over £2, 5 per cent. on orders over £3, 7½ per cent. on orders over £5, 10 per cent. on orders over £10. (All excluding purchase tax.)
Parcels may be assorted. The quantity discounts do not apply to bulk prices of Moorland tablets which are unchanged.

ADDITIONS TO PROTECTED LIST

NEPERA CHEMICAL CO., INC. (Agents and manufacturers: **MENLEY & JAMES, LTD.**)

Mandelamine Hafgrams*	30	50 0	7 6

SMITH, KLINE & FRENCH INTERNATIONAL CO. (Distributors: **MENLEY & JAMES, LTD.**)

Daprisal tablets	50	58 6	
Dexedrine Spansule capsules			
10 mgm.	30	49 6	6 2
15 mgm.	30	58 6	7 4
Drinamyl Spansule capsules			
strength 1	30	70 0	8 9
strength 2	30	81 4	10 2
Eskacillin 200	2 oz.	114 0	14 3
Eskacillin 300	1½ oz.	120 0	15 0
Eskacillin 100 sulpha	2 oz.	117 0	14 7½
Eskacillin 200 sulpha	1½ oz.	126 0	15 9
Phenobarbitone Spansule capsules	gr. 1	30 53 3	6 8
	gr. 1½	30 59 3	7 5
Prinexin	15 c.c.	58 6	7 4
Quotane	1 oz.	44 0	5 6

NEW PRODUCTS AND PACKS

ELIZABETH ARDEN, LTD.

Blue Grass hair spray†	17 6

CUXSON, GERRARD & CO., LTD.

Di-Lactofort	20 0	2 6

R. F. HUNTER, LTD.

Solida 1 camera‡	244 4
case	30 7
colour filter	14 8
sunshade	13 9
portrait attachment	34 1

MERCK-SHARP & DOHME, LTD.
Hydrocortone topical ointment

	Each
0·5 per cent. 5 gm.	3 0
15 gm.	7 6

WILLIAM OLIVER'S (RUBBER), LTD.

Shampoo goggles*	2 11

RIKER LABORATORIES, LTD.

Meretran tablets	30	6 8	10 0
	100	16 8	25 0
	500	75 0	112 6
Mereran with reserpine	30	9 0	13 6
	100	22 8	34 0
	500	102 0	153 0

ROUSSEL LABORATORIES, LTD.
Hydrocortisyl skin ointment

0·5 per cent. 5-gm. tube	3 0
15-gm. tube	7 6

J. J. SILBER, LTD.

Nixette camera‡	198 3
leather ever-ready case	36 5

New beauty pack for Endocil

will send your sales higher yet!

This handsome beauty jar is already sending sales of Endocil higher than ever.

But everything about Endocil — the perfected hormone cream made by Organon Laboratories — betokens increasing sales. Powerful advertising is carrying news of Endocil to millions of women, and the proved effectiveness of the cream ensures you repeat business.

Endocil is available only from chemists, and to help your own sales there is attractive display material available, coupled with a special display discount. Take advantage of the exceptional profit brought by higher sales of Endocil.

NEW ENDOCIL ADVERTISING

Attractive and informative Endocil advertisements are seen regularly by millions of women in all these magazines:

VOGUE • WOMAN'S JOURNAL • WOMAN'S WEEKLY
EVERYWOMAN • HOUSEWIFE • WOMAN & BEAUTY

Retail prices (including Purchase Tax).

BEAUTY JAR 13/7½ HANDBAG TUBE 5/7½

ORGANON LABORATORIES LTD. : BRETTENHAM HOUSE : LANCASTER PLACE, W.C.2

"We'll have much less trouble in future"

Bislumina

for the treatment of peptic ulcer and allied disorders

Bislumina was specifically developed to embody in a single compound all those properties considered desirable in an agent for the treatment of peptic ulcer. Bislumina combines protective sedative and antipeptic properties with a sustained and desirable degree of acid neutralisation. It is both pleasant and simple to take. The finely divided suspension of Bislumina is presented as a smooth tasteless cream in bottles of 12 fluid ounces. *Detailed literature on request from Sole Distributors in United Kingdom:*

TRADE MARK

C. J. HEWLETT & SON LTD
King George's Avenue, Watford, Herts.

Manufactured by
MINING & CHEMICAL PRODUCTS LTD., LONDON

In accordance with world patents pending.
Bislumina—*is a registered trade mark.*

A little
FERGUZADE
The Supreme GLUCOSE *Beverage*

.. makes a big PROFIT FOR YOU !

It's DELICIOUS!

It's prepared with naturally pure sparkling water from Strathmore Springs in Scotland.

It shows over 28% profit for YOU !

ENQUIRIES, including EXPORT to
FERGUZADE, LTD., Strathmore Springs, Forfar, Scotland

THE MINISTRY SAYS:

It MUST be made to measure

So have your N.H.S. prescriptions made up by Lastonet who only make stockings to personal measurements, and know more about getting a good close fit than anyone else. You need carry no stock to supply Lastonet stockings. This profitable business is entirely risk-free !

Lastonet
ELASTIC NET STOCKING

NOW IN NYLON OR COTTON

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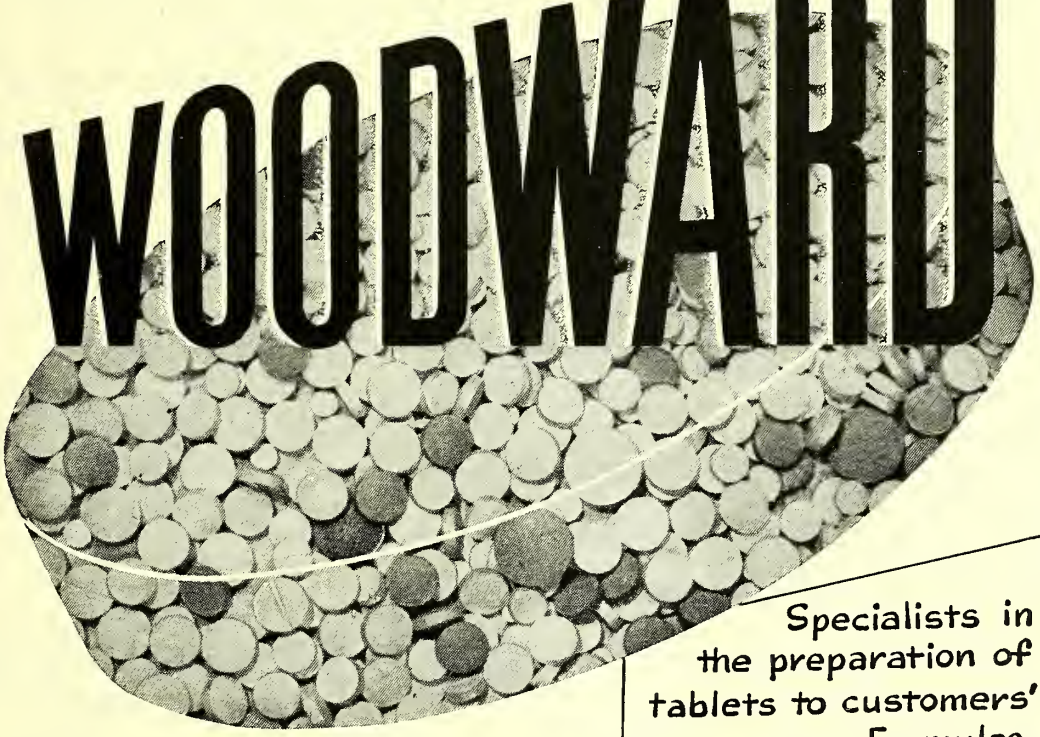
Measurement forms and display material free from
LASTONET PRODUCTS LTD, CARN BREA, REDRUTH, CORNWALL

If it's Tablets. . .

WOODWARD



Specialists in the preparation of tablets to customers' own Formulae.

COMPRESSED MEDICINAL TABLETS

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- MODERN PLANT
- PROMPT DELIVERY

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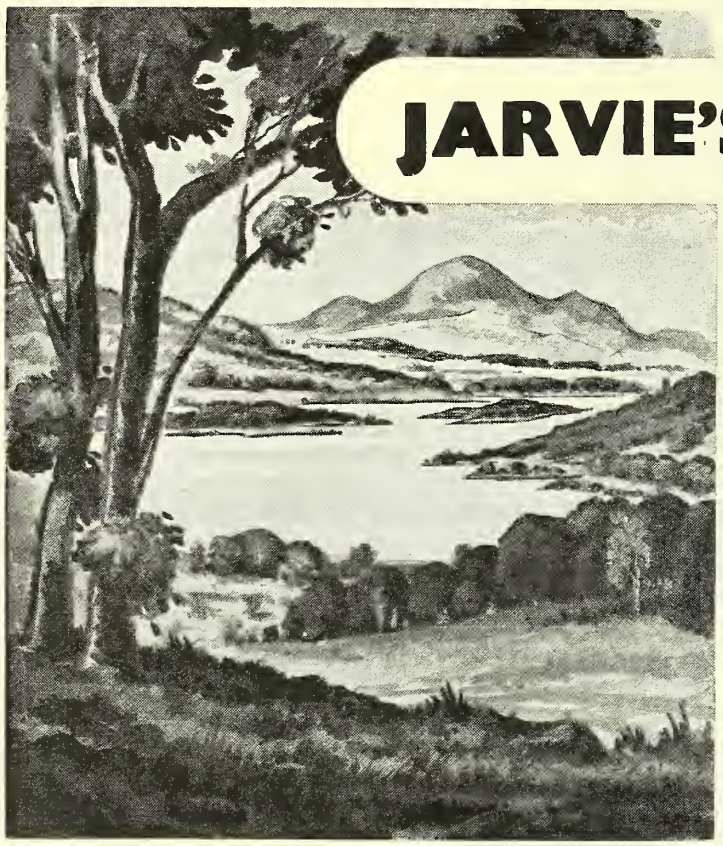
Telephone: TULSE HILL 9481-2-3



JARVIE'S QUININE

Only the clear waters of Scottish Lochs are used in the crystallization of Jarvie's Quinine Salts

ALL ENQUIRIES TO:—

H. JARVIE & Co. Ltd.

SCOTIA CHEMICAL WORKS
COATBRIDGE
SCOTLAND

Keen Buyers watch for this House Mark!

MANUFACTURERS OF
PHARMACEUTICAL CHEMICALS, GALENICALS, VETERINARY PREPARATIONS, COMPRESSED TABLETS, PILLS, CAPSULES, PACKED GOODS, DRYSALTERIES, DISINFECTANTS AND SUNDRIES

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STOCKISTS OF PHOTOGRAPHIC APPARATUS, CHEMICALS AND SUNDRIES.

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FOR HOME & EXPORT MARKETS

Brook Parker & Co Ltd **MANUFACTURING CHEMISTS**

ASHFIELD, BRADFORD, Yorks. *Telegrams Broparco, Bradford.* Telephone 32281 (5 lines)
AND
13 QUEEN STREET, GLASGOW, C.1 *Telephone CENTRAL 1918*

BPB/A40

You can stock with confidence . . .

. . . because Cannon Rubber products are made of the highest grade materials, are scientifically and practically designed, they attract custom by their usefulness, fine quality and tasteful colours. Attractive 'packs' assist counter-sales and in the case of the 'Animal' water-bottles, assemble into a toy Noah's Ark.

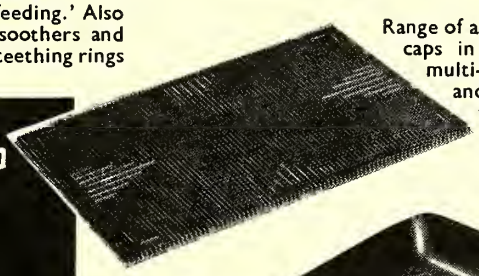
Wide range of hot-water bottles in many colours and different finishes.

The Modern Nurser for 'controlled' feeding keeps food and teat sterile.

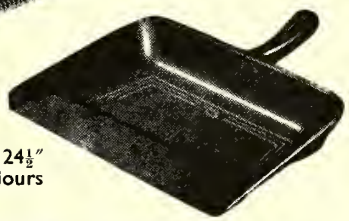
A large Advertising campaign will continue to assist sales of **'MODERN' TEATS** *during 1956*

The 'Modern' anti-colic teat — Triple perforations for 'Nearest to natural feeding.' Also 'Modern' soothers and ba-by-byt teething rings

Range of attractive bathing caps in 7 colours, also multi-coloured. Close and watertight fitting.



Multi-purpose mat with ½" rubber brush pile. Size 20¾"x14¼" and 24½" x16¼". Many colours including pastels.



'Cannon-aid' Rubber dust-pans in several colours.

Cannon Rubber PRODUCTS

GOODS OF FINE QUALITY

THE CANNON RUBBER MANUFACTURERS LTD., Cannon Works, Ashley Road, Tottenham, N.17

Its popularity increases week by week

Price : 16/8 per dozen to retail at 2/6, from all wholesalers. Attractive counter display material available. Send for FREE Trial Sample.

This is the bottle whose sales are growing week by week—whose popularity increases as more and more people discover that Gill's the *original* Dandruff Remover Shampoo *does* remove dandruff at first application. Year by year, too, chemists are discovering that more and more money can be made from this famous bottle.

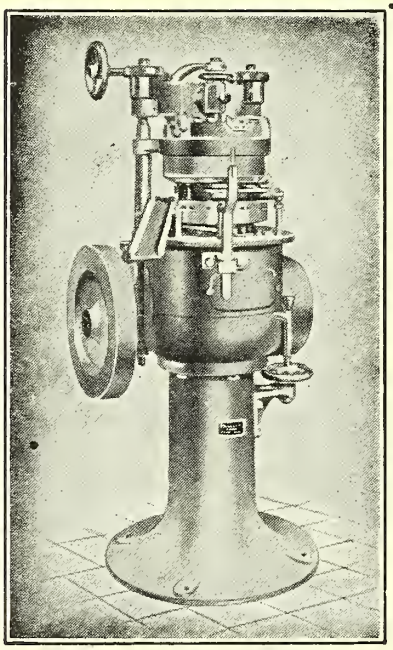
Gill's

DANDRUFF REMOVER *shampoo*

ON SALE IN 12 EUROPEAN COUNTRIES

BEAUTISALES LTD., 35 Old Bond Street, London, W.1. Telephone: HYDe Park 2565.

Eire Agents: Mur-ra Ltd., 132 St. Stephen's Green, Dublin.



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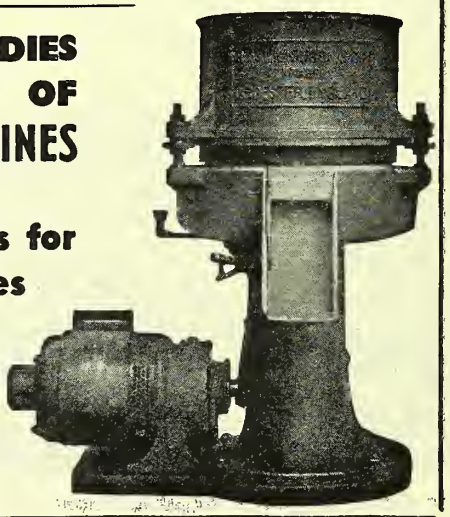

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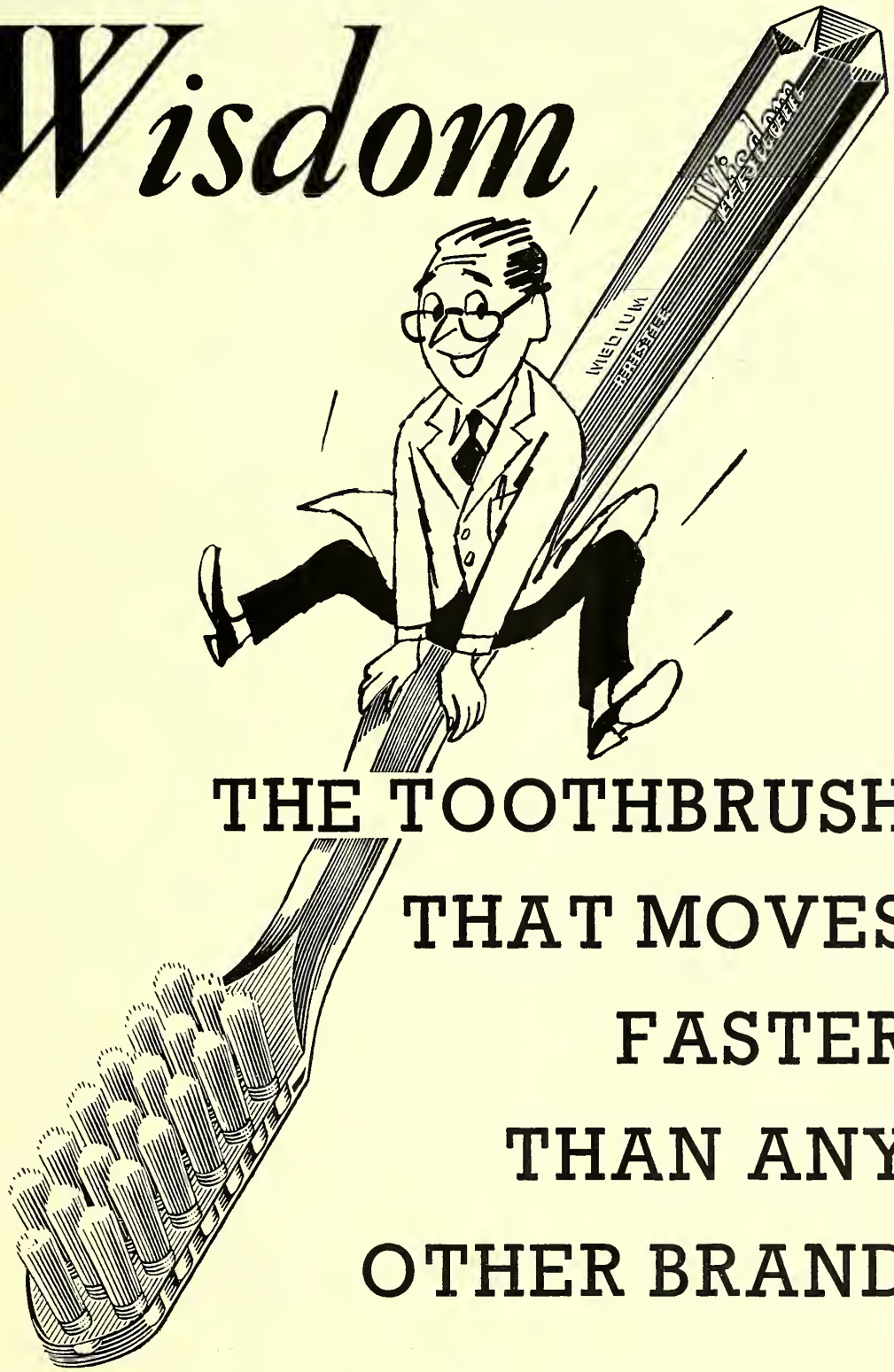
Telephone: Leicester 21283. Telegrams: Wilkinson, Leicester 21283

Engineers and Specialists in Pharmaceutical Machinery for over 45 years.

Be wise—sell *Wisdom*



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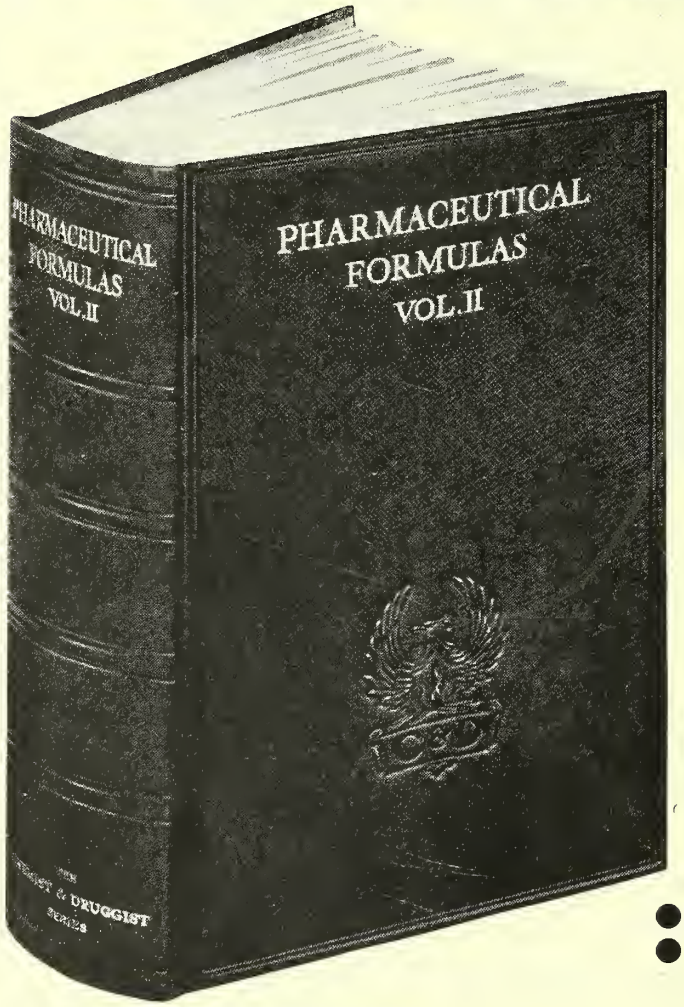
THAT MOVES
FASTER
THAN ANY
OTHER BRAND

Now Available

PHARMACEUTICAL FORMULAS VOL. II



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The CHEMIST AND DRUGGIST

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You sold the LI-LO 'Airflow'

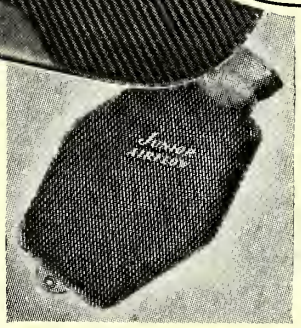
NOW YOU'LL SELL THE 'Airflow' MAJOR

It's the latest addition to the Li-Lo range . . . finned (like the original "Airflow") for maximum heat radiation . . . wide-necked for easy filling . . . *plus* an entirely new feature! The stopper is rubber-covered and absolutely heat-proof.

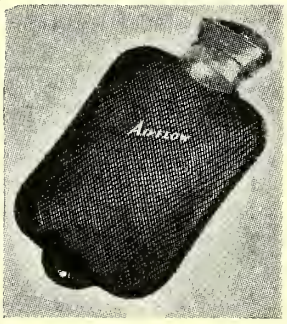
The "Airflow Major," like the original "Airflow" and the "Junior" bears the seal of the Good Housekeeping Institute—a further proof to your customers of its reliability.

You know how good your sales were of the revolutionary "Airflow"—and how popular it was with your customers. Add the "Airflow Major" to your stock and watch it sell!

The "Airflow Junior" is available in pale pink and pale blue; all other Li-Lo bottles in red, blue and green. Every bottle is individually packed.



JUNIOR 'AIRFLOW': A smaller version of the 'Airflow,' which is ideal for children. In pastel blue and pink.



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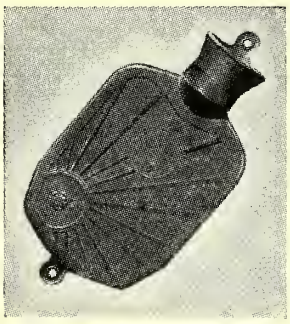

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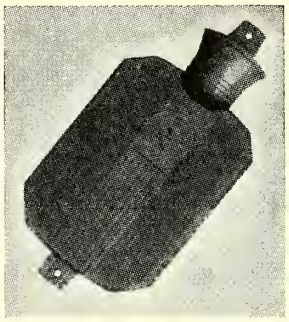

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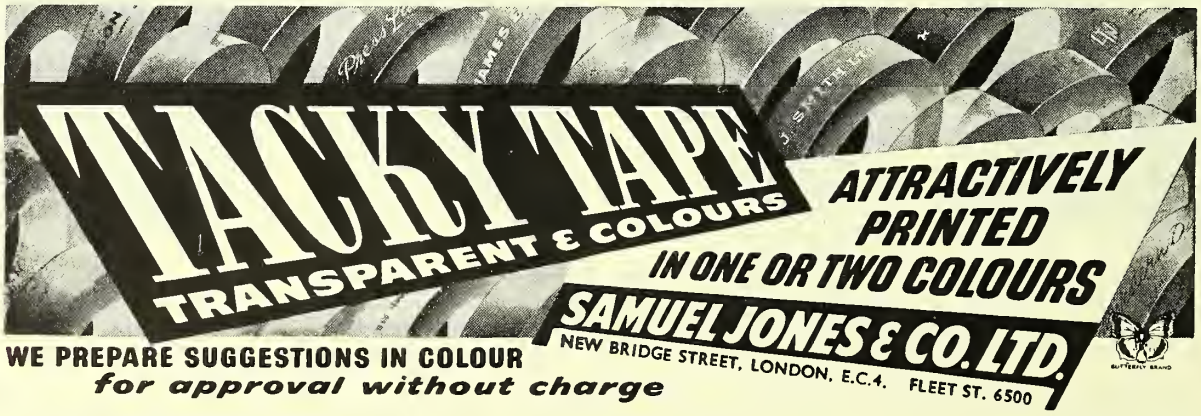

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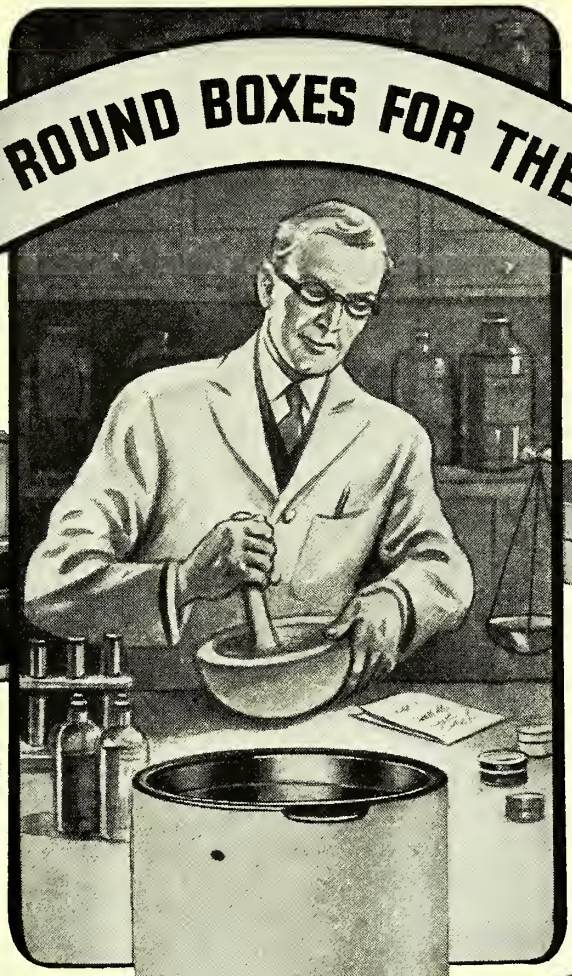

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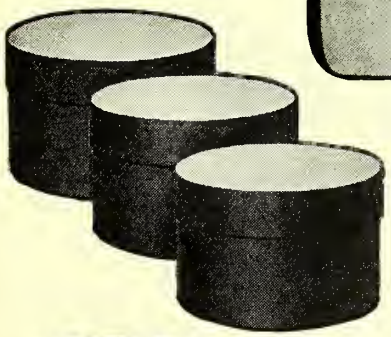

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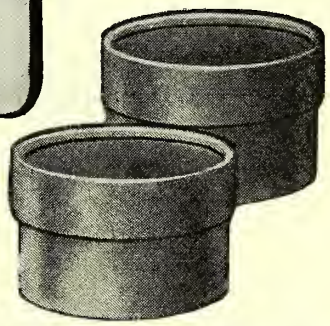

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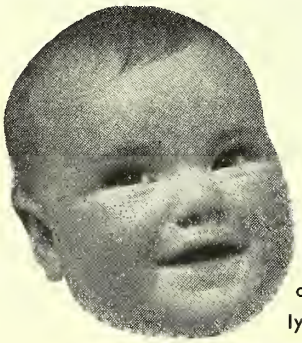

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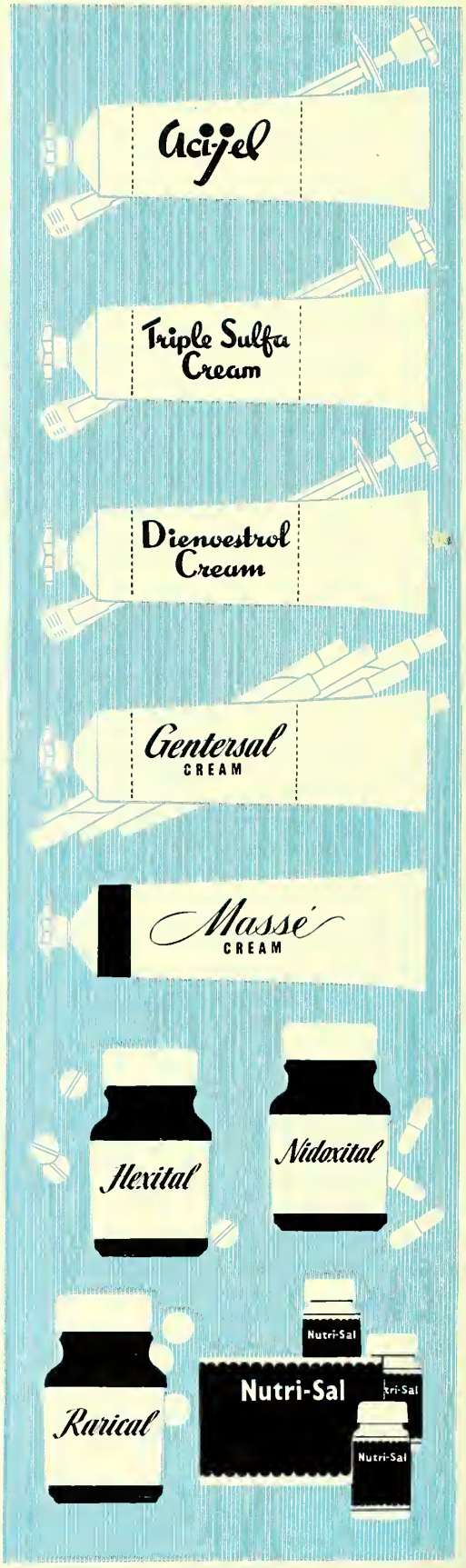

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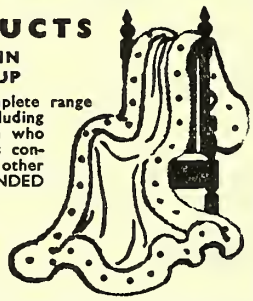

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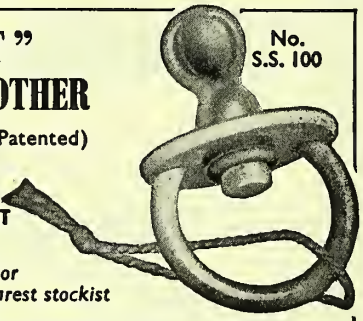

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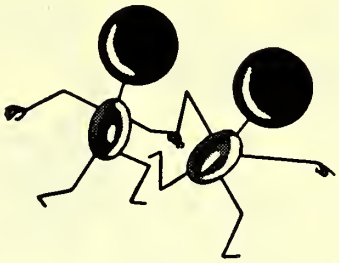

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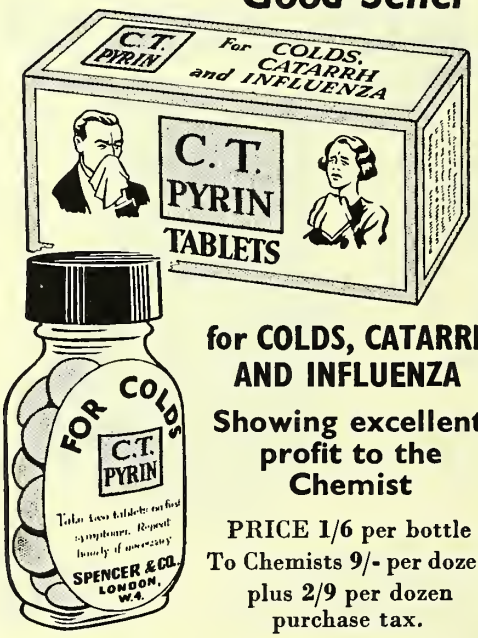

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WIDOW WELCH'S FEMALE PILLS
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New and exciting! Rich creme in a tube that conditions as it tints. Easy and pleasant to apply. 3/4 + P.T. Retail 8/-

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Has a 40 year reputation as the world's supreme recolourative. Known and asked for by name. Sells and sells and sells. 2/6 + P.T. Retail 6/-

Both restore colour permanently to grey and white hair. Complete, in the same 18 natural shades, with Picture Directions.

**Ask for free Shade Indicator.*

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As though by magic, lightens, brightens, colours and conditions. May be poured on the hair like a shampoo. 2/6 + P.T. Retail 6/-

For hair that is drab or faded or with just that touch of greyness. In 11 lovely shades.

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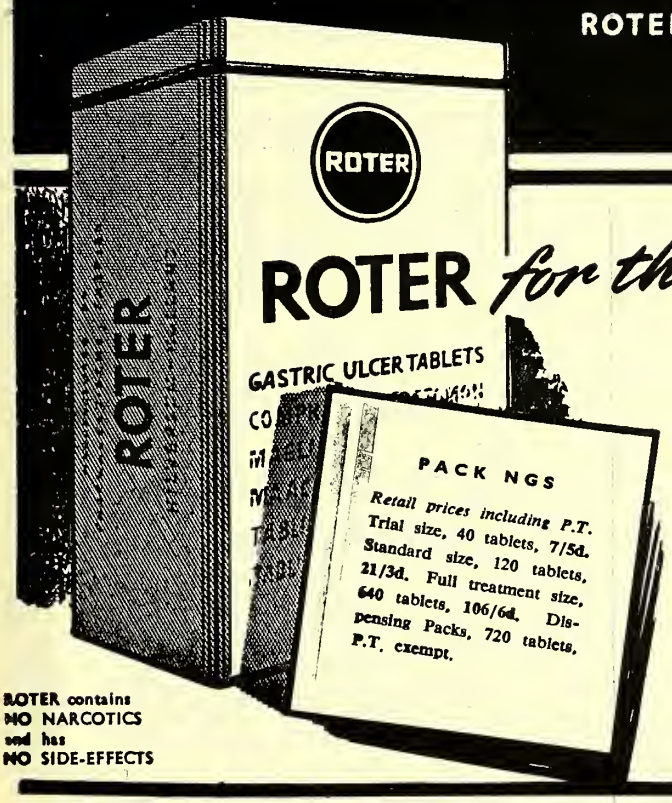

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For the treatment of Anaemias, Nutritional Deficiencies, General Debility

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~~IRON GLYCEROPHOSPHATE~~	1.0 ,,
COPPER SULPHATE	0.01 ,,
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Of course this is just one of our Manufactures. We also supply in Cartons all BPC Dressings in Cotton Wool, Lint and Gauze.

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and a good new selling line for Pharmacists we introduce our sugar free pastille

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a refreshing, fruity pastille for diabetics and all who require a sugar free diet.

Packed in ¼ lbs. to retail at 2/- per packet.

Also supplied in bulk.

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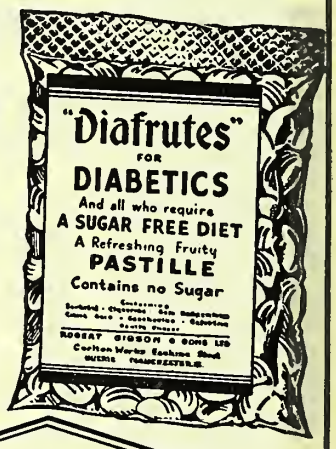

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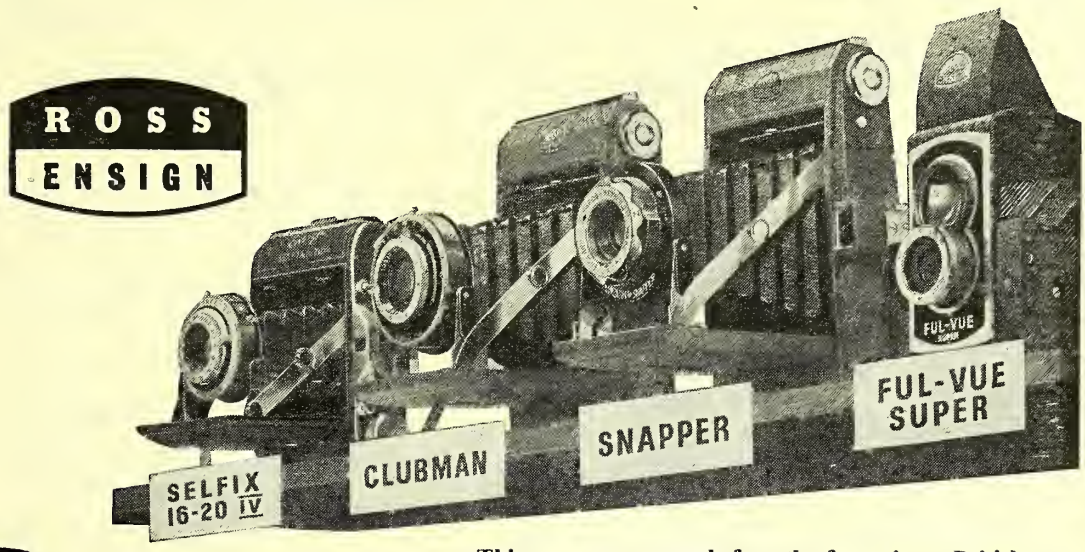
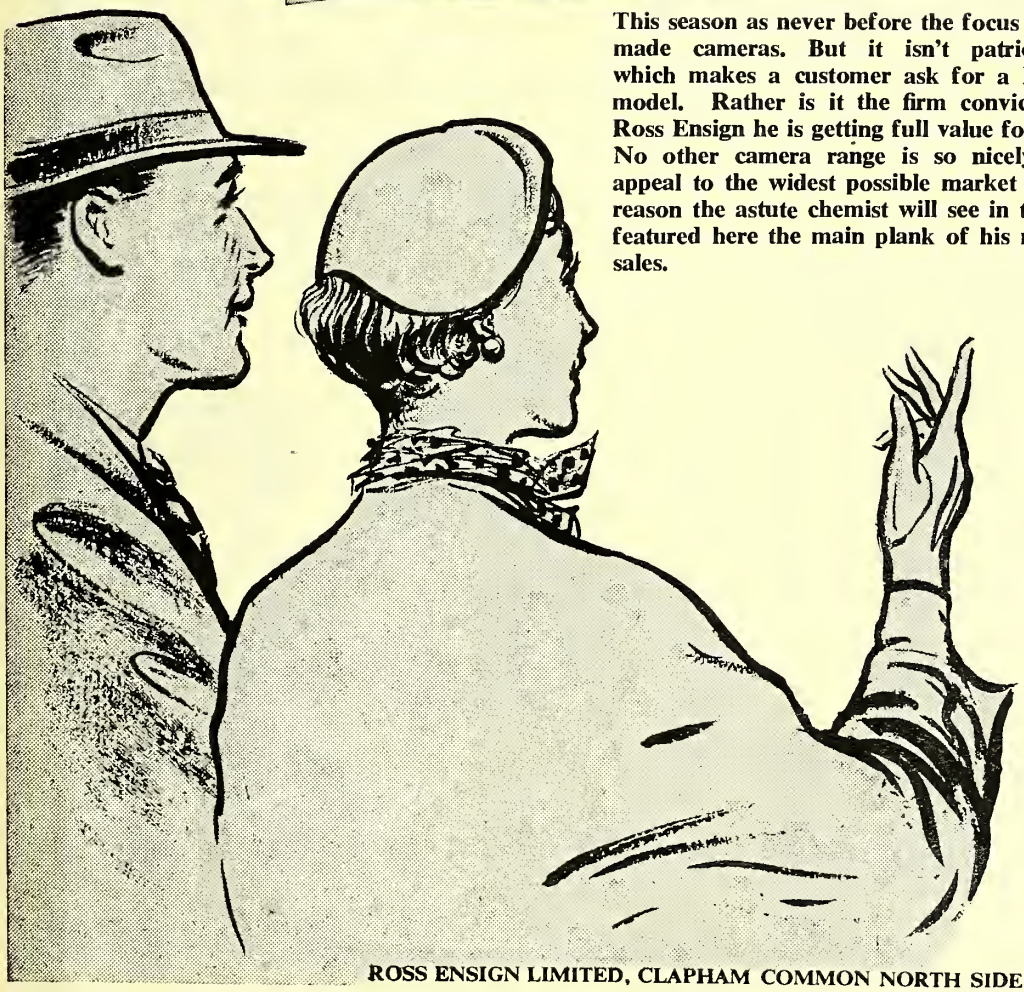


This season as never before the focus is on British made cameras. But it isn't patriotism alone which makes a customer ask for a Ross Ensign model. Rather is it the firm conviction that in Ross Ensign he is getting full value for his money. No other camera range is so nicely graded to appeal to the widest possible market and for this reason the astute chemist will see in the 4 models featured here the main plank of his new season's sales.



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Attractive presentation and sound functional design are both provided by the Beatson Ribbed Oval.

A wide range is available, both Cork Mouth and Screw Neck, with either White Enamelled or Black Plastic Caps.

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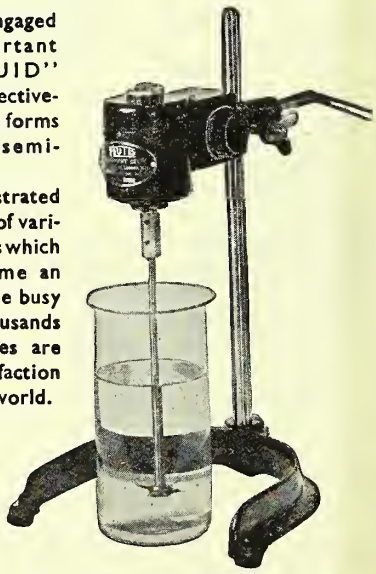
While you are engaged on more important matters "FLUID" STIRRERS will effectively stir and mix all forms of liquid and semi-liquid.
The machine illustrated is one of a range of variable speed models which have now become an ESSENTIAL to the busy Pharmacist. Thousands of these machines are now giving satisfaction throughout the world.



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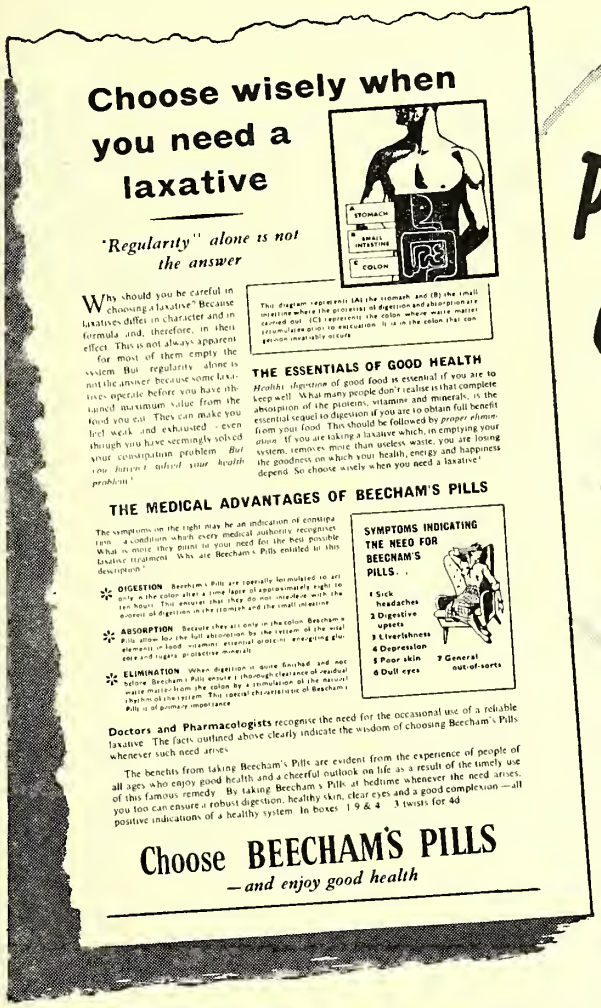

Choose wisely when you need a laxative

"Regularity" alone is not the answer

Why should you be careful in choosing a laxative? Because laxatives differ in character and in formula and, therefore, in their effect. This is not always apparent. For most of them empty the system. But regularity alone is not the answer because some laxatives operate before you have obtained maximum value from the food you eat. They can make you feel weak and exhausted - even though you have seemingly solved your constipation problem. *But you haven't solved your health problem!*

This diagram represents (A) the stomach and (B) the small intestine where the processes of digestion and absorption are carried out. (C) represents the colon, where waste matter accumulates prior to evacuation. It is in the colon that constipation invariably occurs.

THE ESSENTIALS OF GOOD HEALTH

Healthy digestion of good food is essential if you are to keep well. What many people don't realise is that complete absorption of the proteins, vitamins and minerals, is the essential sequel to digestion if you are to obtain full benefit from your food. This should be followed by *proper elimination* from your food. This should be followed by *proper elimination*. If you are taking a laxative which, in emptying your system, removes more than useless waste, you are losing the goodness on which your health, energy and happiness depend. So choose wisely when you need a laxative!

THE MEDICAL ADVANTAGES OF BEECHAM'S PILLS

The symptoms on the right may be an indication of constipation - a condition which every medical authority recognises. What is more they point to your need for the best possible laxative treatment. Why are Beecham's Pills entitled to this description?

DIGESTION Beecham's Pills are specially formulated to act only in the colon after a time lapse of approximately eight to ten hours. This ensures that they do not interfere with the process of digestion in the stomach and the small intestine.

ABSORPTION Because they act only in the colon Beecham's Pills allow for the full absorption by the system of the vital elements in food: vitamins, essential proteins, energizing glucose and sugars, protective minerals.

ELIMINATION When digestion is quite finished and not before Beecham's Pills ensure a thorough clearance of residual waste matter from the colon by a stimulation of the natural rhythm of the system. This special characteristic of Beecham's Pills is of primary importance.

SYMPTOMS INDICATING THE NEED FOR BEECHAM'S PILLS.

1 Sick headaches
2 Digestive upsets
3 Liverishness
4 Depression
5 Poor skin
6 Dull eyes
7 General out-of-sorts

Doctors and Pharmacologists recognise the need for the occasional use of a reliable laxative. The facts outlined above clearly indicate the wisdom of choosing Beecham's Pills whenever such need arises.

The benefits from taking Beecham's Pills are evident from the experience of people of all ages who enjoy good health and a cheerful outlook on life as a result of the timely use of this famous remedy. By taking Beecham's Pills at bedtime whenever the need arises, you too can ensure a robust digestion, healthy skin, clear eyes and a good complexion — all positive indications of a healthy system. In boxes 1/9 & 4/3 twists for 4d

Choose BEECHAM'S PILLS
— and enjoy good health

POWERFUL
ORIGINAL
INFORMATIVE
HARD-SELLING

WATCH OUT FOR THIS ADVERTISEMENT!
It is the first of the series, appearing as an 11" triple column in all the popular "over-the-million-sale" newspapers and periodicals.

Never have the medical advantages of Beecham's Pills been more authoritively told than in the current advertising. Packed with information, packed with selling points, this very important campaign is addressed to a wider public through media adding up to a circulation constituting a record for Beecham's Pills advertising. Millions more of the younger generation will see this publicity—and will see the advantage of taking the laxative which also cares for their general health.

BEECHAM'S PILLS

All orders and enquiries to :

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Well-known old-established Company will dispose of Manufacturing Rights and Live Accounts on attractive basis, turnover £50/£60,000 per annum. Purchaser not required to take over plant or buildings. This is splendid opportunity for the right Company. Vendors have sound reasons for selling. Replies in strict confidence. Box C 3566.

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TELEPHONE CLERKENWELL 5886
OVER 40 YEARS EXPERIENCE
Send for CATALOGUE of UNIT FITTINGS

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LIVERPOOL, Linkside Estate, Hunts Cross Avenue, Bottom Manor Road, Woolton. Newly built lock-up shop, flat above if required, on new housing estate. Commanding position suitable chemist. Builders, Pierce Williams, 90 Selborne Street, Liverpool. Royal 8681. C 5050

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NEW SHOPS with living accommodation at Ilford. Rent £375 per annum on lease. Also lock-up shops in Romford at £200 per annum and £750 per annum. For further particulars apply: Hilbery Chaplin & Co., F.A.I., 135 South Street (opposite Station), Romford. Phone: Rom. 163-4. C 3547

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CHESHIRE, PLEASANT PHARMACY with optical connections. Freehold property. Growing area. No opposition. This plum business comes available, only because of managerial troubles, for the first time for many years. Approximate capital required will be £6,000. Owner bitterly regrets this step but it can be someone else's opportunity. Box C 3576.

DALKEITH, MIDLOTHIAN. Chemist's business on main street. Annual turnover £6,000–£7,000; capable of expansion. Premises comprise large front shop, back shop, office, large cellar and dark room in excellent condition (including fittings) and two dwelling houses. Dwelling houses subject to tenants' rights. Offers are invited for property, fixtures and fittings and goodwill. Stock at valuation (approximately £1,000). Further particulars from Davidson & Syme, W.S., 28 Charlotte Square, Edinburgh. C 9939

MAIN ROAD, BEESTON, NOTTS. Family business. Average figures last three years: Total turnover, £3,500. N.H.S. £750. Net Profit, £800. Tenancy by arrangement. Quick sale, easy terms. Stock recently valued £450. Inclusive price £900. Death vacancy. Box C 3582.

OLD-ESTABLISHED chemist's business in Hawick. Double-fronted shop with dispensary and ample cellarage, all modernised and in good shopping centre. Rental £50 p.a. For further particulars and arrangements to view, apply Alex Morison & Co., W.S., 33 Queen Street, Edinburgh. C 5021

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WATFORD, HERTS. (Retirement.) Excellent pharmacy with living accommodation, just off High Street. Good lease at £450 per annum. Average takings £570 monthly. Goodwill and fixtures £1,500 or reasonable offer. S.a.v. Apply Proffitt & Gough, 37 St. Albans Road, Watford. (Tel.: 6179/4235.) C 3583

APPOINTMENTS

18/- per half inch (min.) and pro rata. Box 2/-

ACTON HOSPITAL, GUNNERSBURY LANE, W.3

Chief Pharmacist

Category 2, required for the above General Hospital and for Pharmaceutical service at Leamington Park Hospital. Whitley conditions of service. Applications stating age, qualifications and experience with names of two referees to Group Secretary, Central Middlesex Group H.M.C., Acton Lane, N.W.10, within 7 days. C 5016

BARNET GENERAL HOSPITAL, WELLHOUSE LANE, BARNET, HERTS

Assistant in Dispensing

required for new pharmacy department. Apothecaries' Hall Certificate. Whitley salary and conditions. Apply to Hospital Secretary. C 5014

BUCKLAND HOSPITAL, DOVER

Assistant-in-Dispensing

required at the above hospital for period June 25 to July 21, 1956, for holiday duty.
Salary in accordance with National Scales.
Applications in writing to the Hospital Secretary giving names and addresses of two referees. C 5023

CENTRAL MIDDLESEX HOSPITAL, PARK ROYAL, N.W.10

Locum Pharmacist

required for holiday relief work. Please reply with copies of testimonials, stating free periods to Medical Director as soon as possible. Salary 14-16 guineas according to experience. C 5051

CHASE FARM HOSPITAL, ENFIELD, MIDDLESEX

Part-time Pharmacist

required for five sessions per week, for work within the Group. Salary 31s. per session of four hours. Apply to the Group Secretary, giving names and addresses of two referees. C 5026

CROYDON GENERAL HOSPITAL (Category IV)

Locum Pharmacist

required for indefinite period. Salary up to £15 15s. per week according to experience. Duties mainly in sterile products department. Modern pharmacy, good working conditions. Apply, in writing, to Group Secretary, Croydon Hospital Management Committee, General Hospital, London Road, Croydon. C 5017

CROYDON GENERAL HOSPITAL (Category IV)

Pharmacist

required. Post vacant now. Duties mainly in sterile products department. Rates of pay in accordance with Whitley scales. Modern pharmacy, good working conditions. Apply, in writing, to Group Secretary, Croydon Hospital Management Committee, General Hospital, London Road, Croydon. C 5018

EDGWARE GENERAL HOSPITAL EDGWARE, MIDDLESEX (Category 5)

Deputy Chief Pharmacist

Applications are invited for the appointment of Deputy Chief Pharmacist at the above Hospital. The successful candidate will be in charge of the pharmaceutical laboratory. Whitley Council scale of salary and conditions of service, salary scale being £675—£925 p.a. In addition London Weighting is payable. Apply to Group Secretary, Edgware General Hospital, Edgware, Middlesex, stating age, qualifications, details of experience and the names and addresses of two referees by May 9, 1956. C 5030

ENFIELD GROUP HOSPITAL MANAGEMENT COMMITTEE

Senior Pharmacist

required for duties within the Group. Salary scale £575—£775 per annum. Applications giving names and addresses of two referees and full particulars of experience to the Group Secretary, Chase Farm Hospital, Enfield, Middlesex. C 5027

LAMBETH HOSPITAL, BROOK DRIVE, S.E.11 (Acute General Hospital, 510 beds)

Senior Pharmacist

Applications are invited for the post of Senior Pharmacist in a department which is being enlarged with consequent increase in the number of staff. Salary (plus London Weighting) in accordance with Whitley Council scale. Applications, stating age, experience, qualifications and names of two referees to the Secretary. C 256

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Chemists' Transfer Agents and Valuers

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Medical Representatives—due to further expansion there are vacancies in the following areas:—

1. **Hertfordshire, Buckinghamshire and Bedfordshire.**
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Previous experience is not necessary but candidates should have a good pharmaceutical background, reside on the territory and be a car owner. Remuneration — salary, commission and expenses. An attractive pension scheme is in operation. Write giving full details of career to date to Sales Manager, Allied Laboratories, Ltd., 140 Park Lane, W.1.

C 9918

Appointments—Continued

GOODMAYES (MENTAL) HOSPITAL MANAGEMENT COMMITTEE, BARLEY LANE, GOODMAYES, ILFORD, ESSEX

Assistant in Dispensing

Applications are invited for the post of Assistant in Dispensing (full- or part-time); salary aged 22 and over £355 x £15 (3) x £20 (1) x £15 (3)—£465 per annum plus London Weighting £20/£30 (according to age) for 39-hour week. Applicants should possess the certificate of the Society of Apothecaries for which additional payment of £20 per annum will be made. Applications with names of two referees should be sent to the Secretary of the hospital immediately.

C 5029

HIGHLANDS GENERAL HOSPITAL, WINCHMORE HILL, LONDON, N.21

Pharmacist

for sickness and holiday relief. Fee 16 guineas per week. Apply Hospital Secretary. C 5049

LAMBETH HOSPITAL

Locum Pharmacist

required at Lambeth Hospital, Brook Drive, S.E.11, for indefinite period. Salary 15 gns. per week or according to experience. Phone: Chief Pharmacist. Rel. 3804. C 249

NEWMARKET GENERAL HOSPITAL, SUFFOLK

Assistant in Dispensing

Applicants should hold the Certificate of the Society of Apothecaries. Salary in accordance with Whitley Council Scale. Applications, stating age, experience, qualifications and the names of two referees to the Medical Superintendent. C 9925

PLASTIC SURGERY, JAW INJURIES AND BURNS CENTRE, ST. LAWRENCE HOSPITAL, CHEPSTOW

Dispenser

required (Apothecaries' Hall). Salary according to age from £215 at 18, £245 at 19, £280 at 20, £315 at 21, 22 and over £375 x £15 (3) x £20 (1) x £15 (3) to £485. Modern department. Write stating age and two referees to T. A. Jones, Group Secretary, 64 Cardiff Road, Newport, Mon. C 5046

READING AND DISTRICT HOSPITAL MANAGEMENT COMMITTEE

Pharmacist

for Royal Berkshire Hospital, Reading (Category V). Facilities for experience in all branches of pharmacy in enlarged department with full supporting staff. Apply Group Pharmacist at above Hospital. C 9865

ST. BARTHOLOMEW'S HOSPITAL, LONDON, E.C.1

Locum Pharmacist

Vacancy exists from beginning of June to the end of September. Wage at rate of £15 15s. per week. Applications in writing, giving details, to Chief Pharmacist. C 5055

SOUTH MANCHESTER H.M.C., WYTHENSHAWE HOSPITAL, MANCHESTER, 23

Pharmacist
Locum Chief Pharmacist

Applications are invited for the post of Pharmacist at the above Hospital (Category 2). Whitley Council conditions of service. Post vacant May 1, 1956. Applications, stating age, experience and qualifications, with the names of two referees to the Administrative Officer.

Locum Chief Pharmacist required at the above Hospital for Saturday, June 30, 1956, to Saturday, September 15, 1956 (inclusive). Salary sixteen guineas per week. Applications to the Administrative Officer. C 5031

ST. ALFEGE'S HOSPITAL, GREENWICH, S.E.10 (Category IV)

(a) Deputy Chief Pharmacist
(b) Senior Pharmacist

Applications are invited for the posts of (a) Deputy Chief Pharmacist, salary £655—£880 p.a.; (b) Senior Pharmacist, salary £605—£805 p.a., in a well-equipped department at the above hospital, which may be inspected by arrangement with the Chief Pharmacist. Whitley Council conditions. Applications to Acting Secretary, G. & D./H.M.C. at above hospital. C 5028

STAINES GROUP HOSPITAL MANAGEMENT COMMITTEE

Locum Pharmacist

required at Ashford Hospital, Ashford, Middlesex. Salary 16 guineas per week. Applications, stating age, qualifications and experience with copies of up to three recent testimonials to Medical Director of Hospital, immediately. C 260

ST. PETER'S HOSPITAL, CHERTSEY, SURREY (404 Beds)

Pharmacist

required. Salary £500-£725 p.a., according to experience. Whitley Council conditions. Accommodation available for single woman at £135 p.a.

Applications, stating age and experience, with names of two referees to Hospital Secretary. C 9972

SUNDERLAND AREA HOSPITAL MANAGEMENT COMMITTEE

Pharmacist

required for the Central Pharmacy, General Hospital, Sunderland. Whitley Council conditions. Salary £500 x £25 (3)—£575 x £30 (5)—£725.

Familiarity with machine processing and semi-scale manufacturing will be an asset.

Apply immediately, naming two referees, to the Group Secretary, The General Hospital, Chester Road, Sunderland. C 5022

THE ROYAL LONDON HOMOEOPATHIC HOSPITAL, GREAT ORMOND STREET, LONDON, W.C.1

Assistant in Dispensing

Applications are invited for the above appointment. Three months' locum with view to permanency. Salary range £405-£515 p.a. according to age, experience and qualifications. Detailed applications to Secretary as soon as possible. C 5010

THE BOARD OF GOVERNORS, THE HAMMERSMITH, WEST LONDON & ST. MARK'S HOSPITALS

Pharmacist

Applications invited for the post of pharmacist at the WEST LONDON HOSPITAL, Hammersmith Road, London, W.6, a general teaching hospital of 238 beds. Whitley salary scale and conditions. Applications stating age, qualifications, experience, names two referees should be forwarded direct to the Hospital Secretary. C 5015

THE LONDON HOSPITAL, WHITECHAPEL, E.1

Pharmacist

Vacancy for registered pharmacist. Salary £500 rising to £725 plus London Weighting according to previous experience and service. Dining-room facilities available. Write Secretary. C 219

WEST WALES HOSPITAL MANAGEMENT COMMITTEE

Locum Pharmacist

Experienced Pharmacist required for locum work at the Pembroke County War Memorial Hospital, Haverfordwest, for the following periods: July 2 to 14; September 3 to 15 (dates inclusive). Salary 16 guineas weekly. Applications to N. A. Ball, Group Secretary, Glangwili, Carmarthen. C 5047

YORK "A" AND TADCASTER H.M.C.

Pharmacist

required for County Hospital, York. Salary £500 x £25 (3) to £575 x £30 (5) to £725 p.a. plus £25 p.a. higher qualification allowance, e.g., F.P.S., A.R.I.C. Applications, stating age, qualifications, experience and names of two referees to Group Secretary, Bootham Park, York. C 5048

SITUATIONS VACANT

12/- for 36 words (min.) then 4d. per word. Box 2/-

The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she, or the employment, is excepted from the provisions of the Notification of Vacancies Order, 1952.

RETAIL (HOME)

ASSISTANT, unqualified, for City chemist, no dispensing, for shop and stockroom. Comfortable berth. Hours 9–6, Saturdays close at 1 p.m. The Copthall Pharmacies, Ltd., 44 Copthall Avenue, E.C.2. C 3573

BIRMINGHAM CO-OPERATIVE CHEMISTS have vacancy for fully qualified male or female at main branch; dispensing only; good wages; good conditions; good prospects. Applications to Superintendent Chemist, the Birmingham Co-operative Chemists, Ltd., 422/4 Coventry Road, Small Heath, Birmingham, 10. C 9961

BRADFORD. F. M. Rimmington & Son, Ltd., require an experienced unqualified assistant. Apply with usual details to 9 Bridge Street, Bradford, 1. C 3591

LLOYD-HAMOL LIMITED

require experienced Medical Representatives for Yorkshire (Leeds), West Lancashire (Liverpool), and South London. The positions offer the opportunity of joining an expanding British-controlled Company in the early stages of its development. The Company's products, the results of Swiss research, are unique and new products marketed will constitute important advances on existing therapies. A good salary will be paid and there is a bonus scheme; a Company car will be provided. Apply, in writing, to Lloyd-Hamol Limited, Trafalgar House, 11 Waterloo Place, London, S.W.1.

C 5013

MEDICAL SERVICE REPRESENTATIVES

Applications invited from Pharmacists or men with good background for the posts of medical representative for (1) Newcastle-upon-Tyne R.H.A., and (2) N.E. Met. R.H.A. and E. Anglia R.H.A. Remuneration by salary according to age and experience. Pension Fund, and three weeks' vacation. Car, expenses and lunches provided.
Reply to Manager, Duncan, Flockhart & Co., Ltd., Holyrood Road, Edinburgh.

C 9944

Situations Vacant—Continued

CHESHIRE. Residential area. Manager, sole charge with view to ultimate partnership. House, garden, garage. Good salary, plus bonus and rota fee. Excellent staff. All agencies. Real opportunity for ambitious man. Full particulars to Box C 3587.

DISPENSER RECEPTIONIST required by firm of doctors near Northampton. Hall or unqualified with experience. Two dispensers employed. Box C 3520.

ENFIELD HIGHWAY. Young lady required for dispensing. Permanent position. Salary according to age and experience. Three weeks' holiday a year. Apply to A. R. Cross, Ltd., 476 Hertford Road, Enfield, or telephone Howard 1723 or 2916. C 9996

HORNSEY (LONDON, N.). Director-Superintendent required to take over the management of an old-established pharmacy with a substantial turnover which includes a high proportion of insurance dispensing; good basic salary, plus bonus on net profit; a personal interest by way of share investment, acquirable if necessary over a period, will also be considered if desired; living accommodation available; exceptional opportunity; all replies treated in strict confidence. Box C 247.

ILFORD. Branch manager pharmacist required for busy shop and good dispensing connection. Excellent opportunity for ambitious man to earn substantial salary and bonus. Good supporting staff and modern equipped dispensary, etc. Permanency with superannuation benefits. Accommodation available if required. Apply with full details stating when available for interview to Box C 3567.

LADY ASSISTANT REQUIRED, experienced, for counter, display, stock control, etc. Multiple training and knowledge photographics an advantage, most agencies. Staff of four. State salary required, and usual details to Skidmore, 30 High Street, Banstead, Surrey. Phone Burgh Heath 720 (Burgh Heath 2024 after 7 or Sunday). C 3552

LEEDS: Experienced pharmacist (male or female) required to manage easily workable branch at Alwoodley. Please state age, previous experience of management and when available for interview. The salary will be in excess of £800 p.a. and assistance will be given with housing accommodation if necessary. Applications to Superintendent Chemist, Leeds Industrial Co-operative Society, Ltd., Pharmacy Department, 6 Albion Street, Leeds, 1. C 3564

LEICESTER CO-OPERATIVE CHEMISTS, LTD. Chemist-manager required either sex, for entirely new pharmacies to be opened shortly. Excellent wages and conditions, bonus on prescriptions. Apply in writing to Secretary, Leicester Co-operative Chemists, Ltd., Union Street, Leicester, endorsed "Pharmacy." C 3505

LONDON, W.C.1. Young lady required as junior counter assistant, with or without previous experience, Saturday half-day. Excellent experience to be gained particularly in cosmetics. Apply to Box C 5041.

LONDON, S.W.6. Capable experienced lady assistant for counter duties in private pharmacy. No dispensing. Good salary for person with initiative. Apply Box C 3574.

LONDON. Stock pricer required for well-known stocktaking firm. Substantial salary. Permanency. Five-day week. Apply Box C 255.

MIDLAND AREA. Senior stocktaker required. Must have had several years' experience in pharmacy. Substantial wages. All expenses paid. Permanency. Apply Box C 259.

NORTH LONDON. Young man required for assembling orders in wholesale drug department. Permanent and progressive position with Saturday half-day. Apply to Box C 5042.

NORTH LONDON. Unqualified assistant required chiefly for dispensing for branch near the Angel, Edmonton. Permanency. Hours 9 a.m.-6 p.m. Thursday 1 p.m. Salary according to age and experience. Three weeks' holiday a year. Apply to A. R. Cross, Ltd., 476 Hertford Road, Enfield, or telephone Howard 1723 or 2916. C 5033

PHARMACIST. Male or female pharmacist required to assist at main pharmacy in modern store. Excellent conditions. Applications in writing stating age, experience and salary required to Personnel Manager, Co-operative, 110 Fratton Road, Portsmouth. C 3598

QUALIFIED LADY DISPENSER/BOOKKEEPER required May 5. Semi-rural practice. Furnished accommodation available. Salary by arrangement. Apply Dr. Maurice Lee, Danbury, nr. Chelmsford. C 3514

QUALIFIED MAN, to take charge of dispensing (and dispensary), in old-established business in Beds. Quickness and accuracy essential. Ample accommodation free, and salary £18 per week. Details of experience, etc., to Box C 3588.

SHEPPERTON-ON-THAMES. Progressive position for keen pharmacist as assistant with view to management later. Growing residential district, no Sunday duties, cosy, modern self-contained flat available over pharmacy if desired. Phone Walton 722 evenings or write S. G. Stevenson, 9 High Street, Shepperton, Middlesex. C 3594

SUPERINTENDENT PHARMACIST. Permanent position. N.U.C.O. Scale and conditions. Wage over £1,000 p.a. with additional rota payments. Housing, applicants' own responsibility. Applications, stating age and experience, to the Secretary, West Stanley Co-operative Society, Ltd., Front Street, Stanley, co. Durham. C 254

STOCKPORT. Qualified to manage central pharmacy. Hours 9–6.30. No rota or Sunday duty. £850-£1,000 according to age and experience. Replies to Pharmacist, 28 Beechfield Road, Davenport, Stockport. C 3542

SOUTH STAFFS. Applications are invited for the position of Manager-Superintendent of well-known pharmacy with extensive ciné and photographic connection; the offer should be of particular interest to a chemist with organising ability, desirous of obtaining a first-class appointment at a commensurate salary, and one that possesses undoubted scope for advancement; a financial interest that can be acquired outright or over a period, will also be offered to the right type of applicant. All confidences strictly observed. Please write initially to Box C 253.

TOTTENHAM. Pharmacy manager required to manage a good-class establishment in this area. Splendid opportunity for promotion. There is a good supporting staff and development is assured. Flat accommodation can be provided if desired. Applications in first instance to Box C 3568.

UNQUALIFIED for well-staffed pharmacy. Congenial atmosphere, hours 8.30 to 6.15, half-day Saturday, no Sunday or holiday duty, permanency; must have photographic and dispensing experience and be over 25. Reply in writing in first instance, please. All letters answered. Hubble, 79 Kingsway, London, W.C.2. C 5011

UNQUALIFIED ASSISTANT, lady or gentleman, with personality and sales ability, wanted for West-end chemist's shop. Saturday half-day. Write stating age, experience and salary required. Box C 3601.

UNQUALIFIED ASSISTANT wanted in North Wales village pharmacy. Apothecary Hall qualifications preferred but not essential. Box C 3600.

WANTED, PHARMACIST (male or female) As Superintendent. Private house available. Good hours and conditions. No Sunday work. Full particulars on application to the Garndiffaith & Varteg Co-operative Society, Ltd., Garndiffaith, Mon. C 3589

WARWICKSHIRE. Small industrial town. Assistant pharmacist, either sex, required, able to take charge in absence of proprietor. Middle-class business with large N.H.S. dispensing. Early opportunity for partnership considered. Large flat available. Salary £800 plus flat. Details, age, experience, etc., to Box C 3596.

WOLVERHAMPTON. Superintendent-Manager required for old-established pharmacy with extensive scope for expansion; the opportunity should be of particular interest to a young, ambitious chemist with personality and drive; a financial interest in the business will also be available to him if required, but an immediate capital investment is not expected unless the applicant so wishes; good basic salary and bonus on net profit. Please write initially, and under assurance of confidence, to Box C 258.

WORTHING, SUSSEX. Astons, chemists, require a manager for a branch shop in a busy shopping centre. Rota 1 in 6. No early closing or Sunday duty. Spacious three-roomed flat adjacent to the sea-front available, giving the opportunity of enjoying the amenities of a South Coast resort. Replies, in confidence, to 25/27 Montague Street. C 3595

YOUNG MAN, knowledge photo apparatus, train as under-manager. Permanent and progressive post. Bathes, The Camera People, 24 Fleet Street, Torquay. C 257

LOCUMS WANTED

LOCUM TENENTES pharmacists are required for an extended tour of duties in the London and suburban districts. Permanency at conclusion of tour if desired. Hours 9 a.m. to 6 p.m. Paid holiday. Salary and expenses basis. Applications to Chief Pharmacist, London Co-operative Chemists, Ltd., Grange Road, Leyton, E.10. C 3569

PHARMACIST, locum required for South London from May or June to work until the end of September. Flat available. Applicants should be able to take full charge of pharmacies, which are fully staffed, during holiday periods, and must have undeniable references. Please give all details of age, previous experience, and salary and expenses required to Managing Director, Arnold M. Gee, Ltd., 12 High Street, Colliers Wood, S.W.19. C 3597

WHOLESALE

ASSISTANT SALES MANAGER required by large international pharmaceutical company. Applicants should have a broad experience of all facets of ethical pharmaceutical sales including representation, publicity, marketing, distribution and market research. This is a new and important position where initiative and the ability to think clearly are of paramount importance. Write with full details qualifications, experience and salary required to Box C 9999.

SOUTH AFRICA

BIDDLE, SAWYER & CO. (AFRICA) (PTY.), LTD., JOHANNESBURG

are increasing the scope of their business and would be pleased to receive enquiries from manufacturers of Druggists' Sundries, Cosmetics, Perfumes, etc., requiring Sales Agencies in South Africa.

Please reply to Biddle, Sawyer & Co., Ltd., 4 Grafton Street, London, W.1.

C 5008

HOLBORN SUPPLIES LTD.
55 LEATHER LANE, E.C.1

"Isopad" Three-Heat Electric Blankets; Tower Personal Scales; DEE GEE Feeders; Evanol, Simplex, Inecto, Color Glo, etc.; Flashmaster Cameras; Remington, Sunbeam, Philishave Electric Shavers; Pifco Sunlamps, Infra-red, Massagers; Linc-o-lin Beer Shampoo. Phone: HOLborn 6689. C 9719

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Offers to :—

L. Wiedenmann, Zuerich 33 (Switzerland)

C5038

Situations Vacant—Continued

A COMPANY of international repute require a superintendent to set up a new suture production unit. This is a senior appointment and calls for a person of some years practical experience of suture production. We have in mind a chemist with a mechanical background and production experience of sterile techniques and factory procedures, including control of production, inventories, stores, inspection and quality. Marketing experience not necessary. Would applicants please forward fullest details of their varied production experience, qualifications, present salary, age and availability to Works Manager, Box C 5006.

COOPER, McDOUGALL & ROBERTSON, LTD., Berkhamsted, Herts, require an additional representative, aged 23/30, for their household sales department, to cover the counties of Lincoln, Derby, Nottingham, Stafford and Salop. Preference will be given to applicants with experience of selling to chemists and ironmongers, and existing connections in this field would be an advantage. Car provided, expenses paid, position pensionable. Salary according to experience and qualifications. Reply fully, in confidence, to the Household Sales Manager. C 9992

ETHICON SUTURE LABORATORIES, LTD., require a pharmacy graduate for control and development work on sterilisation processes, aseptic procedures and component quality. This is a progressive post for which a starting salary commensurate with age and experience will be paid. Canteen, five-day week and pension scheme in operation. Apply in writing to Technical Director, Bankhead Avenue, Edinburgh, 11. C 5019

EXPERIENCED REPRESENTATIVES required all areas and coastal towns excepting Scotland with live connections calling on retail chemists, stores, etc.; to carry entirely new and well-introduced André Philippe products selling throughout the year. Full advertising support. Best commission rates offered. Write full details to Silmor Distributing Co., 34 Caledonian Road, London, N.1. Tel.: Ter. 0866. C 5036

FIRST-CLASS REMUNERATION offered to first-class representative, having worth-while connections with chemists and best grocers. Required for (1) Eastern Counties and Essex; (2) S.E. London and N. Kent, by old-established company which supports its products by National advertising. Substantial salary, non-contributory pension scheme, expenses paid. Full details to Box C 5025.

GRADUATE PHARMACIST

required as soon as possible for interesting post in Pharmaceutical Development Section of well-established London company. Must have completed or be exempt from National Service. Desirable, but not essential, that applicants have some experience of the operations in a development unit and a good salary commensurate with qualifications, experience and initiative will be paid. Pension scheme in operation and good canteen facilities available. Apply, by letter in first instance, giving full details to :—

SENIOR DEVELOPMENT CHEMIST,
MENLEY & JAMES, LIMITED,
COLDHARBOUR LANE,
LONDON, S.E.5.

C 9993

DEPARTMENTAL MANAGER for our fine chemicals section required. Write with full particulars of past experience, etc., to M. W. Hardy & Co. (Overseas), Ltd., Pinners Hall, Great Winchester Street, E.C.2. C 5035

GENERAL MANAGER

for manufacturing chemists in Shrewsbury. Connections throughout the country in the supply of general requirements to qualified veterinary profession. Must be qualified. General experience of production and sales together with knowledge of veterinary requirements are distinct advantages. Very good scope and opportunity for suitable applicant. Apply Box C 9964.

LEICESTER—NORTHAMPTON—BEDFORD—HERTFORD

Thornton & Ross, Ltd., Linthwaite Laboratories, Huddersfield, require for the Leicester/Northampton/Bedford/Hertford districts a representative. Applicants should have a sound pharmaceutical background with a first-class sales record. Remuneration is paid by salary and commission, together with travelling expenses. A car is provided and maintained by the company. Applicants should give details of age, education, and experience, and should state whether a car driver. C 5044

MAY & BAKER, LTD., Dagenham, Essex, invite applications from pharmacists/science graduates within the age group 23-35 to fill and/or train for vacancies within their organisation at home and abroad. These positions offer excellent scope for advancement to executive level in sales, representation and administration. Candidates with first-class experience in the industry should apply initially in writing, quoting reference No. 133, to the Personnel Officer. C 5054

MEDICAL REPRESENTATIVES

Genatosan, Ltd., a member of the Fison Group, require Medical Representatives to cover general practitioners, hospital medical officers, etc., for territories in the following areas:

(a) South-east England.
(b) South-east Midlands.
(c) South Yorkshire.

These posts are well remunerated with incentives and good prospects for keen and energetic men possessing the ability and desire to make a success of this specialised work. A successful applicant will have to reside on his territory. Full personal details with a summary of attainments and experience, with a preference for territory, should be addressed to the Personnel Officer, Genatosan, Ltd., 12 Derby Road, Loughborough, Leics. Please quote reference MR. C 5032

REPRESENTATIVE REQUIRED by well-known and long-established company of manufacturing and wholesale chemists, to cover Hants, Wilts, Devon, Dorset and Somerset. Car provided, good starting salary, expenses and pension scheme. Apply giving full personal details. Box C 5024.

REQUIRED. First hand, able to take charge, under buyer, of large cosmetic department. Must be fully experienced in all makes of beauty culture, able to control staff, and have very smart appearance. Excellent salary and commission. Apply L.D.B., Commercial Road, Portsmouth. C 3592

REPRESENTATIVE REQUIRED for speciality selling. Previous experience not necessary as successful applicant will receive full training. Remuneration will be on a salary, commission and expenses basis. Car provided. This is an excellent opportunity for an unqualified retail assistant desirous of making a career as representative. Residence in the Midlands is desirable. Apply with full details of career to date, giving age, education and business experience to Sales Manager, John Richardson & Co., Leicester, Ltd., 62 Evington Valley Road, Leicester. C 5040

SALES PROMOTION. A rapidly expanding pharmaceutical company with an international reputation requires an executive to take charge of its sales promotion activities. Applicants must combine a broad knowledge of modern therapeutics both pharmaceutical and veterinary with a deep understanding of modern professional and consumer sales psychology. The work involves supervision of the company's advertising agents, and its own studios and copywriting staff. This is an important post where original thinking is of the utmost importance but ability to control day to day details is also essential. Apply in writing with full details experience and qualifications to the Sales Manager, Pfizer, Ltd., Folkestone, Kent. C 9998

SALESMAN REQUIRED by old-established manufacturers of brushes. Salary, commission and expenses paid. Apply Box C 3585.

SENIOR LABORATORY ASSISTANT required in laboratory of pharmaceutical manufacturers in South-west Lancashire. Opportunities for further study if necessary. Please send full details to Box C 5043.

THE DISTILLERS COMPANY (BIOCHEMICALS), LIMITED, require a pharmacist to assist with pharmaceutical formulation development work at their factory at Speke, Liverpool. The vacancy, which is a progressive one in the research and development division, occurs as a result of expansion of the activities of the company. Applicants should preferably have had previous experience in formulation development. The work covers a wide range of products and will demand initiative and the ability to plan the experimental programme. Salary according to qualifications and experience. Non-contributory pension scheme, canteen and social facilities. Applicants should apply to the Personnel Manager, The Distillers Co. (Biochemicals), Ltd., Fleming Road, Speke, Liverpool, 19. C 9991

TRAINEE REPRESENTATIVE. An opportunity exists for a young man (age 20–23) to join the sales division of the expanding pharmaceutical organisation of Merck-Sharp & Dohme, Ltd. The successful candidate will be expected to spend up to two years at the headquarters of the company in Hertfordshire, and will then be appointed as a medical representative calling on doctors, chemists, hospitals, etc. The position offers prospects of a satisfying and progressive nature for the right man. Applicants should be young men of good general education and appearance. Previous experience in pharmaceutical work not essential. Apply : Sales Manager, Merck-Sharp & Dohme, Ltd., Hoddesdon, Herts C 5012

WANTED, representative calling on chemists to sell clinical thermometers as an additional line on commission basis, for Northern England. Also for Scotland. Box C 3522.

WHOLESALE CHEMISTS, SUSSEX, require well-experienced sundries buyer. Please send full details together with situations held in the last three years to Box C 5034.

Situations Vacant—Continued

SENIOR REPRESENTATIVE required for Liverpool and S.W. Lancs area, selling nationally advertised products to high-class chemists and grocers. Well-known company offer good basic salary, car allowance, non-contributory pension scheme to right man. Box C 5039.

SURGICAL AND CHEMISTS' SUNDRIES. Position of responsibility to man with experience in chemists' sundries. Full details and salary expected in first letter. Managing Director, Unichem, Ltd., Broadwater Road, London, S.W.17. C 5045

YOUNG PHARMACIST required for medical liaison work in the marketing services division. Ability to write good English is essential. Duties will include correspondence with members of the medical profession and the writing of promotional copy. Previous experience is not essential. Unqualified applicants with satisfactory pharmaceutical background will also be considered. Five-day week. Superannuation scheme. Applications in writing to Marketing Controller, British Schering, Ltd., 229 Kensington High Street, London, W.8. C 5020

WHOLESALE (OVERSEAS)

INTERNATIONAL pharmaceutical organisation has vacancies for young single men keen to undertake a pioneering job detailing their products to doctors in all parts of British East and West Africa. Extensive travel and living under " bush " conditions will be necessary. If you have a pharmaceutical or medical background and are keen to pioneer, write giving fullest details of your career to date to Box C 9974.

AGENTS WANTED

17/6 for 36 words (min.) then 4d. per word. Box 2/-

DISTRIBUTORS WANTED to the chemist trade by manufacturers of new high-consumption monopoly household article. Active sales force must cover all outlets. Write Box C 3593.

WELL-ESTABLISHED manufacturers of hospital sundries require in several areas well-introduced agents visiting hospitals regularly, carrying only one additional range. Salary, part-expenses and commission. Applications to Managing Director, Esco (Rubber), Ltd., 34/36 Somerford Grove, London, N.16. C 9920

SITUATIONS WANTED

3/- for 18 words (min.) then 2d. per word. Box 1/-

LOCUMS SEEKING ENGAGEMENTS

EMERGENCY LOCUM. W. Edwards, M.P.S., c/o Loveluck Edwards & Co., Earlsfield, S.W.18. Wimbledon 1937/1346. C 3482

WHOLESALE

REPRESENTATIVE, 43, excellent connections retail, wholesale, London, Southern Counties, seeks senior representation or sales management. Excellent references from present employers. Resident London. Box C 3586.

REPRESENTATIVE, aged 50, sound connection retail/wholcsale chemists, and stores, Kent, Surrey, Sussex, part London. Seeks change. Reliable agencies considered. Car owner. Box C 3512.

SCOTLAND. Representative (31). Live connection wholesalc-retail chemists, Edinburgh and East Scotland, desires change with possibilities of progress. Box C 3579.

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AGENTS WITH STRONG CONNECTION manufacturing and wholesale chemists, multiples, perfumers, wholesale and manufacturing hairdressers suppliers and other industrial manufacturers are open to represent reputable house on commission basis, London and Home Counties. Box C 3545.

DO YOUR SALES in London and Home Counties need a boost? We want one live line that consistent work will build up into a good living. Established connection wholesale and retail chemists, multiples, Co-ops, stores. Box C 3544.

ESTABLISHED AGENT with valuable connection chemists and stores in Lancashire and Cheshire requires additional first-class agencies, proprietaries preferred. Box C 3599.

FRANCE. Agency facilities available in France for British drugs and fine chemicals. Box C 3550.

REPRESENTATIVE AGENT, Scotland, long experience, keen to acquire additional agency offering long-term quality products to the dispensing chemists, packed goods and kindred traders. Particulars and remuneration terms to Box C 3572.

BUSINESS OPPORTUNITIES

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PROPRIETARIES FOR PETS. Manufacturer of wide range of proprietary medicines for dogs and cats wishes to appoint company as sole sales agents to all chemists other than Boots. Company with national coverage preferred, but local sales coverage considered. Box C 5004.

WANTED

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ALL KINDS OF BOTTLES, JARS, SCREW CAPS, cartons, packaging materials and manufacturers' stocks of all kinds bought at fair price for spot cash. We are buyers of merchandise of EVERY DESCRIPTION. Clearance Stocks. Discontinued lines. Surplus and Redundant Stocks. Should you have anything for disposal, please send us samples and particulars. Reliance Trading Co., 13 New College Parade, Finchley Road, N.W.3. C 153

REQUIRED, clearance or redundant stocks, travellers' samples, etc. Retailers' complete stocks purchased. C. Rose, 106 Hendon Way, London, N.W.2. Speedwell 3625 or 8791. C 5053

WE WILL PURCHASE for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone:— Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel.: Bayswater 4020 and 7692. C 140

MISCELLANEOUS SALES

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HONEY. Australian light and med. amber. Original 60 lb. tins. New stock. Shippers name supplied. Up to 2 tons available. Horners, Ltd., 20 Regent Parade, Harrogate. C 3581

JUST THE SNIP for a new pharmacy, chemist in Essex has a clean, up-to-date stock of ethicals, toilets, sundries, etc., for sale, valued £1,550. Mahogany fixtures, £80 Gledhill till. Personal beam scales. Valued £550. Box C 3584.

MODERN CHEMIST SHOPFITTINGS, drug ranges, wall cases and frameless sliding doors, display counters and showcases, all types of window fittings and display stands. D. Matthews & Son, Ltd., Complete Chemist Shop Fitters & Shop Front Builders, 14–16 Manchester Street, Liverpool. C 141

SHOP FITTINGS removed from West-end, counter show case, wall fittings, dispensing counter and sponge case (mahogany), first offer accepted. Box C 3575.

WE HAVE ABOUT 1,500 TINS of government surplus stock of ferri sulphatis exsiccati 3 grains of Glaxo Laboratories, England. Each tin contains 1,000 tablets. We can offer this material at 2s. 4d. per tin. Enquiries may be sent to the following address:—P.O. Box No. 2074, Bombay 2, India. C 5037

PATENTS

18/- per half inch (min.) and pro rata. Box 2/-

PATENT 688449 — 2 Aminopyridine Salt of Oestrone Sulphate. The Proprietors of Patent 688449 desire to enter into arrangements by way of licence or otherwise on reasonable terms to ensure its full development and commercial working in this country. Address enquiries to: W. P. Thompson & Co., Chartered Patent and Trade Mark Agents, 12 Church Street, Liverpool, 1. C 3571

THE PROPRIETOR of British Patent No. 682,946, for " Improvements in or relating to Devices for Mixing, Stirring, Emulsifying and the like " is desirous of securing commercial exploitation of the invention in the United Kingdom by way of licences or otherwise. Enquiries should be addressed to Stanley, Popplewell, Francis & Ross, 19 Buckingham Street, Strand, London, W.C.2. C 3578

THE PROPRIETOR of British Patent No. 723,088, for " Improvements in or relating to Air Purifiers or Deodorisers " is desirous of securing commercial exploitation of the invention in Great Britain by way of licences or otherwise. Enquiries should be made to Stanley, Popplewell, Francis & Ross, 19 Buckingham Street, Strand, W.C.2. C 3577

TENDERS

TENDERS FOR SUPPLIES

Tenders are invited by the Bexley, Darenth and Stone, Dartford, Orpington and Sevenoaks, and Sidcup and Swanley Hospital Management Committees for the supply of:—

(a) Medical and Surgical Sundries;
(b) Surgical Dressings.

Tenders are also invited by the three first-named of the above Committees for drugs, chemicals and pharmaceutical preparations.

Forms of tender can be obtained from the Supplies Officer, Dartford Hospital Management Committee, The Bow Arrow Hospital, Dartford, and must be delivered to the office of the undersigned as directed on the form by not later than 10 a.m. on Monday, May 14, 1956.

E. J. M. DURRANT,
Group Secretary.
Dartford Hospital Management Committee.
C 5052

TRADE MARKS

THE TRADE MARKS set out below were assigned on March 2, 1956, by Edlow, Ltd., of Messiter Place, Eltham, S.E.9, to William Pearson, Ltd., of 172 Buckingham Palace Road, London, S.W.1, *without the goodwill of the business in which they were then in use.*

No.	*Mark*	*Goods*
532280	ANAK	Chemical substances used for agricultural, horticultural, veterinary and sanitary purposes.

Unregistered Mark
SHORDI Slug killer
C 3529

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QUIET AND ACCURATE workmanship. Over 30 years' practical experience. Detailed inventories supplied to suit your individual requirements. Your own stock sheets priced. Terms moderate. C. W. Playfoot, 8 Aylward Road, London, S.W.20. Phone: Liberty 4104. C 190

MISCELLANEOUS

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CONDOR JEWELLERY SUPPLY. The latest selection of " Fashion Jewellery." Poppett Necklets, Ear-rings, Brooches and Bracelets are included in our sample parcel. Money refunded if not satisfied. Personal callers welcome. Now open Sunday mornings. 40 Toynbee Street, Commercial Street, London, E.1. Bishopsgate 0891. C 250

IMITATION JEWELLERY. Put spring in your window with our colourful new lines, white and coloured beads, matching ear-rings, flower ear-rings and necklets, pastel colour. Pearls, gilt and diamante jewellery, bracelets, rings, hairbands, sets, also exclusive Continental designs in stock. The largest selection in the country to choose from. Sample parcels from £10 upwards. C.o.d. or two references. Jodez (Manchester), Ltd., 8 Shudehill, Manchester, 4. Phone: Deansgate 6564. C 9850

SHOW-OFF WITH OUR SHOWCASES! Latest designs, all sizes including glass counters. Free delivery. Write or telephone, Vandome & Hart, Ltd., (Dept. P), Wenlock Road, City Road, London, N.1. (Cle. 7181 District showrooms: Manchester, Birmingham, Leeds, Nottingham, Kingston, Blackpool, Colchester, Canterbury, etc. C 237

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APRIL 28 1956

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